



Environment
Canada

Environnement
Canada

Historical Water Levels Summary

Manitoba

Sommaire chronologique des niveaux d'eau

TO/JUSQU'À **1990**

**INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1992**

**DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1992**



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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean water levels and annual extremes of water levels for lakes and rivers in Manitoba for which water level data to 1990 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Water level data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2
(204 949-2434)

or to the Director, Surveys and Information Systems Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles des niveaux d'eau et des extrêmes annuels de lacs et de cours d'eau du Manitoba, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1990 inclusivement. La présente publication annule la toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en œuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur les niveaux d'eau sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2
(204 949-2434)

ou au Directeur, Relevés et systèmes d'information, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in Manitoba were conducted by the Water Survey of Canada under agreement with the Province of Manitoba. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

Stream-gauging work started in Manitoba when the Winnipeg River Power Survey was commenced in 1911 by the Dominion Water Power Branch. The Manitoba Hydrographic Survey was organized in early 1912 and the survey was expanded to embrace all Manitoba and the Lake of the Woods in Ontario. Following the transfer of the natural resources of Manitoba to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Manitoba for the continuance of the hydrometric survey by the Federal Government. Although this agreement was terminated in 1933, work was continued by the Federal Government under letter arrangement until 1975. A co-operative agreement was signed with the Government of Manitoba on February 18, 1975 and implemented on April 1, 1975. The agreement provides that water quantity surveys will be continued by the Federal Government on a shared cost basis.

CO-OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies which have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Manitoba en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

C'est en 1911, lorsque la Direction fédérale de l'énergie hydraulique a fondé le *Winnipeg River Power Survey*, que cet organisme a effectué les premières observations relatives aux cours d'eau au Manitoba. Avec la création du *Manitoba Hydrographic Survey* au début de 1912, le champ des relevés s'est élargi pour englober tout le Manitoba et le lac des Bois en Ontario. Après que la responsabilité des ressources naturelles du Manitoba est passée au gouvernement provincial, le 1^{er} octobre 1930, le Manitoba et le gouvernement fédéral ont conclu un accord qui permettait à ce dernier de poursuivre les relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement du Manitoba a signé un nouvel accord, qui est entré en vigueur le 1^{er} avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km² (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m² (square metres)
1 ha (hectare) equals 2.4710 acres
1 km² (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m³ (cubic metre)
1 m³ (cubic metre) equals 35.315 cubic feet
1 dam³ (cubic decametre) equals 1000 m³ (cubic metres)
1 dam³ (cubic decametre) equals 1 mm (millimetre) over 1 km² (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam³ (cubic decametres)
1 m³/s (cubic metre per second) for one day equals 86.4 dam³ (cubic decametre)
1 m³/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m³/s (cubic metre per second)
1 m³/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km² (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m² (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km² (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impériaux
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m³ (mètre cube)
1 m³ (mètre cube) vaut 35.315 pieds cubes
1 dam³ (décamètre cube) vaut 1000 m³ (mètres cubes)
1 dam³ (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km² (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam³ (décamètres cubes)
1 m³/s (mètre cube par seconde) pour un jour vaut 86.4 dam³ (décamètre cube)
1 m³/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m³/s (mètre cube par seconde)
1 m³/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual *Surface Water Data* publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données

where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiés dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLANATION OF HISTORICAL WATER LEVELS SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean water levels. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical water level data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Water Levels Summary publications contain data for both active and discontinued water level stations and do not contain any discharge data. These publications will be published every two years and will contain data for all water level stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic water level data have been obtained, the following are given for the period of record to 1990 inclusive:

1. Summary of monthly and annual mean water levels;
2. Annual maximum instantaneous water levels;
3. Annual maximum and minimum daily water levels;
4. Identification of the extreme recorded for the period of record;
5. Datum to which water levels are referred,

The following standard symbols are used opposite the daily stage to which they apply. These symbols will not appear opposite the monthly and annual mean water levels, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A - Manual Gauge - indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted.

EXPLICATION DU SOMMAIRE CHRONOLOGIQUE DES NIVEAUX D'EAU

A. Description générale

On trouve les renseignements descriptifs pour une station des relevés des niveaux d'eau, sous l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur les niveaux d'eau, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique des niveaux d'eau* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le débit n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés des niveaux d'eau pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique des niveaux d'eau, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1990 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Le plan de référence auquel les niveaux d'eau sont reportés.

Les symboles normalisés donnés ci-après sont inscrits à côté des niveaux d'eau quotidiens auxquels ils se rapportent. Les symboles ne sont fournis ni avec les niveaux d'eau moyens mensuels, ni avec les niveaux d'eau moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A - Jauge manuelle - indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical data base after January 1, 1988.

1. *The summary of monthly and annual mean water levels gives:*

- (a) the monthly mean in metres for each month for which there is a complete month of daily water levels. Records of daily water levels for partial months, if obtained, are published in annual publications or are available from the Regional Chief;
- (b) the annual mean water level in metres if there are daily water levels for the complete year;
- (c) the mean of all the monthly means;
- (d) the mean of all the annual means.

2. *The annual maximum instantaneous water level in metres is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.*

3. *The annual maximum and minimum daily water levels in metres are given for each year where daily water levels have been obtained for the entire year or where they are considered to be valid for the year even though some daily water levels are missing.*

4. *The extreme recorded for the period of record is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.*

5. *The datum to which the water levels are referred is shown following both the "Summary of Monthly and Annual Mean Water Levels" table; and the "Annual Extremes of Water Levels" table. If the water levels are referenced to a second datum, this datum is also shown with the conversion factor.*

Occasionally, the water level records at a station are collected for two or more periods for which the water levels cannot be referenced to a common datum. In this case, the datum to which the water levels are referred is shown following each period, and a message is printed at the bottom of the tables, indicating that the water levels are referred to several unrelated datums.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des après le 1^{er} janvier 1988.

1. *L'extrait des moyennes mensuelles et annuelles (The summary of monthly and annual mean water levels) donne:*

- (a) la moyenne mensuelle, exprimée en mètres, des valeurs quotidiennes des niveaux d'eau pour le mois entier. Pour les stations où on n'a mesuré les niveaux d'eau quotidiens que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;
- (b) la moyenne annuelle, en mètres, pour les stations où on a obtenu des relevés quotidiens pour une année entière;
- (c) la moyenne de toutes les moyennes mensuelles;
- (d) la moyenne de toutes les moyennes annuelles.

2. *Le tableau des valeurs annuelles maximales instantanées (The annual maximum instantaneous water level), exprimées en mètres, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistrees détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant les niveaux quotidiens.*

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles (The annual maximum and minimum daily water levels), exprimées en mètres, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière, les valeurs sont fournies si elles sont valables pour l'année en cause.*

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.*

5. *Le plan de référence auquel les niveaux d'eau sont reportés est fourni à la suite de l'extrait des moyennes mensuelles et annuelles et du tableau des valeurs extrêmes. Si les niveaux d'eau ont trait à un deuxième plan de référence, ce dernier est également indiqué même que la constante de conversion.*

Il arrive que les relevés des niveaux d'eau effectués à une station s'appliquent à plus d'une période d'observation de sorte qu'ils ne peuvent être reportés à un même plan de référence. En pareil cas, le plan de référence auquel les niveaux d'eau sont reportés est fourni pour chacune des périodes d'observation et un message imprimé à la suite des tableaux indique que les niveaux d'eau ont trait à plusieurs plans de référence différents.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data (water level data) referred to herein depends upon the type of gauge, stability of gauge, accuracy of observation, measurement of reference datum, computation procedures and interpretation of records. Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A and E. In general, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only (especially for small or flashy streams) or those obtained by estimation.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisés. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques (données sur le niveau des eaux) dont on parle ici, sont basés sur le type de jauge, la stabilité de la jauge, la précision des observations, la mesure de la donnée de référence, l'évaluation des procédés et l'interprétation des chiffres. À cause de toutes ces variables, on a normalisé, pour des fins d'uniformité de présentation, le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A et E. En général, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus exactes que celles qui sont obtenues par estimation ou qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.



ATHAPAPUSKOW LAKE AT CRANBERRY PORTAGE - STATION NO. 05KG005

1

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	---	---	---	---	---	---	1948
1949	---	291.424	291.423	---	291.499	291.596	291.762	291.742	291.650	291.548	291.482	---	---	1949
1950	291.551	---	291.537	291.520	291.525	291.656	291.707	291.722	291.774	---	291.826	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	291.648	---	---	---	---	291.871	---	---	---	---	---	---	1952
1953	---	---	---	291.631	---	291.701	---	---	---	291.670	---	---	---	1953
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	291.840	291.853	291.856	291.965	292.089	292.096	292.015	291.881	291.822	---	---	---	1983
1984	291.764	291.750	291.718	---	---	291.970	291.944	291.843	291.773	291.821	291.892	291.802	---	1984
1985	291.937	291.919	291.891	291.838	292.015	292.141	292.135	292.029	291.956	291.823	291.732	291.740	291.930	1985
1986	---	---	291.785	291.817	291.961	292.033	291.955	291.929	291.862	291.830	291.790	291.810	---	1986
1987	291.811	291.823	291.832	291.853	291.875	291.895	291.882	291.857	291.817	291.764	291.719	291.725	291.821	1987
1988	291.744	291.770	291.794	291.843	291.868	291.867	291.874	291.826	291.788	291.753	291.668	291.662	291.786	1988
1989	291.671	291.678	291.678	291.676	291.701	291.701	291.754	291.706	291.707	291.673	291.649	291.666	291.687	1989
1990	291.699	291.734	291.741	291.750	291.881	291.952	291.923	291.823	291.736	291.683	291.683	291.680	291.774	1990
MEAN	291.740	291.732	291.725	291.754	291.810	291.873	291.900	291.844	291.800	291.739	291.727	291.752	291.800	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 54 35 00 N DRAINAGE AREA, 2 000 km²
LONG 101 23 00 W REGULATED

ATHAPAPUSKOW LAKE AT CRANBERRY PORTAGE - STATION NO. 05KG005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1948	---	---	---	1948
1949	---	291.855 ON JUL 26	291.392 ON APR 28 *	1949
1950	---	291.889 ON DEC 31	291.459 ON MAY 07	1950
1951	---	292.047 ON JUL 17	291.669 ON DEC 27	1951
1952	---	291.907 ON JUL 01	291.569 ON DEC 27	1952
1953	---	---	291.578 ON JAN 01	1953
1981	291.942 AT 2237 CST ON MAY 17	291.911 ON JUN 20	291.639 ON OCT 10	1981
1982	---	---	---	1982
1983	292.197 AT 2100 CST ON JUL 17	292.120 ON JUL 22	291.776 ON DEC 31	1983
1984	292.021 AT 0946 CST ON JUN 30	292.012 ON JUN 25	291.695 ON MAR 24	1984
1985	292.211 AT 0939 CST ON JUL 07 *	292.195 ON JUL 04 *	291.709 ON NOV 24	1985
1986	292.221 AT 1636 CST ON JUN 19	292.066 ON JUN 12	291.746 ON JAN 02	1986
1987	292.050 AT 1712 CST ON JUL 08	291.913 ON JUN 02	291.700 ON NOV 14	1987
1988	291.935 AT 2226 CST ON MAY 17	291.896 ON JUL 15	291.653 ON DEC 10	1988
1989	291.776 AT 1115 CST ON JUL 25	291.767 ON JUL 09	291.634 ON NOV 16	1989
1990	292.002 AT 0914 CST ON JUN 11	291.973 ON JUN 15	291.654 ON OCT 02	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BACK LAKE NEAR OXFORD HOUSE - STATION NO. 04AA003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	187.563	187.495	187.350	187.340	---	---	---	1970
1971	---	---	---	---	---	---	187.404	187.321	187.228	187.118	---	---	---	1971
1972	---	---	187.393	187.343	187.503	187.509	187.366	187.224	187.085	187.005	186.981	186.999	---	1972
1973	187.051	187.063	187.072	187.044	187.107	187.267	187.267	187.219	187.154	187.180	187.218	187.274	187.160	1973
1974	187.306	187.292	187.245	187.223	187.375	187.598	187.511	187.409	187.288	187.230	187.169	187.132	187.315	1974
1975	187.171	187.190	187.208	187.196	187.235	187.306	187.215	187.117	187.055	187.067	187.050	187.049	187.155	1975
1976	187.082	187.099	187.088	187.046	187.005	186.945	186.908	186.912	186.962	186.924	186.881	186.936	186.982	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	187.188	187.208	187.193	187.210	187.200	187.208	187.179	187.137	187.149	187.200	187.179	187.139	---	1978
1979	187.379	---	---	---	187.235	187.239	---	---	---	187.240	187.353	187.371	---	1979
1980	---	---	---	---	---	186.821	187.829	187.508	187.286	187.222	187.250	---	---	1980
1981	---	187.287	187.273	187.202	187.199	187.161	187.059	187.017	187.141	187.273	187.276	187.271	---	1981
1982	187.278	187.244	187.211	187.138	187.243	187.393	187.459	187.306	---	187.172	---	---	---	1982
1983	---	187.353	187.346	187.316	187.455	187.507	187.342	187.351	187.395	187.336	187.292	187.315	---	1983
1984	187.342	187.331	187.328	187.258	187.423	187.967	187.781	187.337	187.417	187.386	187.343	187.309	187.452	1984
1985	---	---	---	---	---	187.422	187.354	187.201	187.095	187.005	186.930	---	---	1985
1986	---	---	---	---	---	---	---	---	---	---	---	---	---	1986
1987	187.367	187.362	187.323	187.215	187.655	187.894	187.760	---	---	187.266	187.290	187.313	---	1987
1988	---	---	---	187.247	187.376	---	---	187.554	187.439	---	---	---	---	1988
1989	187.006	187.046	187.071	187.068	187.280	187.443	187.248	---	---	187.064	186.954	186.978	---	1989
1990	186.907	186.950	186.955	186.927	---	---	---	186.984	186.720	186.814	186.841	---	---	1990
MEAN	187.189	187.188	187.196	187.163	187.297	187.449	187.374	187.238	187.186	187.153	187.126	187.137	187.213	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -158.967 m ADJUSTMENT TO CONVERT TO ASSUMED DATUMLOCATION - LAT 54 56 30 N DRAINAGE AREA, 9 010 km²
LONG 095 14 50 W NATURAL FLOW

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL			MAXIMUM DAILY WATER LEVEL			MINIMUM DAILY WATER LEVEL			YEAR
1970	187.603	AT 0816	CST ON JUL 16	187.597	ON JUL 14	---	---	---	---	1970
1971	187.618	AT 1702	CST ON JUN 01	187.606	ON JUN 01	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	1972
1973	187.329	AT 1835	CST ON JUN 22	187.323	ON DEC 29	187.024	ON APR 06	---	---	1973
1974	187.646	AT 1430	CST ON JUN 30	187.627	ON JUN 29	187.112	ON DEC 03	---	---	1974
1975	187.393	AT 0100	CST ON JUN 14	187.326	ON JUN 12	186.987	ON SEP 20	---	---	1975
1976	187.131	AT 1400	CST ON FEB 09	187.115	ON FEB 09	186.859	ON NOV 07	---	---	1976
1977	187.289	AT 1452	CST ON JUN 10	187.268	ON MAY 21	---	---	---	---	1977
1978	187.390	AT 1200	CST ON NOV 12	187.384	ON NOV 07	---	---	---	---	1978
1979	186.124	AT 2300	CST ON JUN 17	186.115	ON JUN 17	---	---	---	---	1979
1980	187.342	AT 1110	CST ON OCT 27	187.321	ON OCT 27	186.936	ON AUG 20	---	---	1980
1981	187.580	AT 1708	CST ON JUL 09	187.560	ON JUL 09	187.064	ON SEP 27	---	---	1981
1982	187.560	AT 0407	CST ON JUN 07	187.550	ON JUN 07	187.207	ON AUG 03	---	---	1982
1983	186.019	AT 1610	CST ON JUN 13	186.012	ON JUN 17	187.206	ON MAY 03	---	---	1983
1984	187.456	---	ON JUN 23	187.453	ON JUN 23	186.840	ON NOV 06	---	---	1984
1985	187.844	AT 1640	CST ON JUL 09	187.809	ON JUL 08	---	---	---	---	1985
1986	186.003	---	ON MAY 28	187.990	ON MAY 28	187.175	ON APR 18	---	---	1986
1987	---	---	---	187.408	ON JUN 02	186.897	ON NOV 09	---	---	1987
1988	187.497	AT 1600	CST ON JUN 19	187.487	ON JUN 17	186.807	ON DEC 15	---	---	1988
1989	---	---	---	---	---	186.654	ON AUG 20	---	---	1989
1990	187.365	AT 1750	CST ON JUN 15	187.357	ON JUN 16	186.968	ON NOV 02	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
 APPLY -158.967 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BALD HILL RESERVOIR NEAR MCCREARY - STATION NO. 05LJ803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	707.976	707.967	707.933	707.926	---	---	---	---	1961
1962	---	---	---	---	709.899	709.908	708.875	---	---	---	---	---	---	1962
1963	---	---	---	---	711.022	710.534	708.882	708.878	708.878	---	---	---	---	1963
1964	---	---	---	---	710.312	708.960	708.882	708.872	708.875	---	---	---	---	1964
1965	---	---	---	---	713.349	710.442	708.918	708.922	711.303	---	---	---	---	1965
1966	---	---	---	---	710.471	708.913	708.897	709.536	708.889	708.889	---	---	---	1966
1967	---	---	---	---	712.190	709.780	708.859	708.886	708.758	---	---	---	---	1967
1968	---	---	---	---	709.499	709.146	709.304	709.207	708.977	708.922	---	---	---	1968
1969	---	---	---	---	709.146	709.849	711.869	708.906	708.925	---	---	---	---	1969
1970	---	---	---	---	713.981	713.204	709.335	708.904	708.952	---	---	---	---	1970
1971	---	---	---	---	708.219	712.346	709.261	708.909	---	---	---	---	---	1971
1972	---	---	---	---	710.692	708.924	708.910	708.910	708.914	---	---	---	---	1972
1973	---	---	---	---	709.114	709.663	709.284	710.534	710.516	709.299	---	---	---	1973
1974	---	---	---	---	713.350	710.248	708.906	708.892	708.916	708.915	---	---	---	1974
1975	---	---	---	---	711.567	709.540	708.903	709.645	712.021	---	---	---	---	1975
1976	---	---	---	---	709.670	709.039	709.213	708.744	708.480	---	---	---	---	1976
1977	---	---	---	---	709.098	708.959	710.350	---	709.769	709.350	---	---	---	1977
1978	---	---	---	---	709.833	708.919	708.898	708.881	708.938	708.935	---	---	---	1978
1979	---	---	---	---	711.769	711.751	708.946	708.941	708.935	708.932	---	---	---	1979
1980	---	---	---	---	708.945	708.942	709.012	710.929	709.109	---	---	---	---	1980
1981	---	---	---	---	709.022	709.125	708.896	708.896	708.893	---	---	---	---	1981
1982	---	---	---	---	709.967	708.960	708.895	708.877	708.873	---	---	---	---	1982
1983	---	---	---	---	711.194	708.852	710.530	708.850	708.844	---	---	---	---	1983
1984	---	---	---	---	709.308	---	708.824	708.661	708.783	---	---	---	---	1984
1985	---	---	---	---	709.063	708.968	708.891	709.669	708.894	---	---	---	---	1985
1986	---	---	---	---	---	708.850	---	708.778	---	---	---	---	---	1986
1987	---	---	---	---	708.903	708.846	708.835	708.821	708.785	708.853	---	---	---	1987
1988	---	---	---	---	709.323	708.598	708.267	708.158	708.702	---	---	---	---	1988
1989	---	---	---	---	708.993	---	---	708.808	708.950	708.927	---	---	---	1989
1990	---	---	---	---	---	---	---	708.627	---	---	---	---	---	1990
MEAN	---	---	---	---	710.331	709.599	709.134	709.021	709.146	709.003	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 42 16 N DRAINAGE AREA, 2.59 km²
 LONG 099 40 00 W REGULATED SINCE 1961

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	714.320 AT 0016 CST ON MAY 24 *	714.312 ON MAY 24 *	708.917 ON AUG 30	1979
1980	---	---	---	1980
1981	710.671 AT 0431 CST ON JUN 16	710.574 ON JUN 16	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	711.108 ON MAY 03	707.816 ON AUG 16 *	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER LAKE NEAR PINE RIVER - STATION NO. 05LG801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	700.465	700.243	700.452	---	---	---	---	1959
1961	---	---	---	---	---	700.075	699.577	699.895	699.830	---	---	---	---	1961
1962	---	---	---	---	---	700.100	700.077	700.053	700.128	---	---	---	---	1962
1963	---	---	---	---	---	---	---	700.161	700.114	700.089	---	---	---	1963
1964	---	---	---	---	---	700.272	700.294	---	---	---	---	---	---	1964
1965	---	---	---	---	---	700.846	701.009	701.264	---	---	---	---	---	1965
1966	---	---	---	---	---	701.241	701.438	---	---	---	---	---	---	1966
1967	---	---	---	---	---	700.462	700.302	700.313	---	---	---	---	---	1967
1968	---	---	---	---	---	700.491	700.855	---	---	---	---	---	---	1968
1969	---	---	---	---	---	700.582	---	700.345	700.419	---	---	---	---	1969
1970	---	---	---	---	---	700.464	700.556	---	---	---	---	---	---	1970
1971	---	---	---	---	---	700.495	700.452	---	---	---	---	---	---	1971
1972	---	---	---	---	---	700.547	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	700.733	700.605	700.662	700.523	---	---	---	---	1973
1974	---	---	---	---	---	700.480	700.250	700.239	700.296	---	---	---	---	1974
1975	---	---	---	---	---	700.518	700.287	700.240	700.380	---	---	---	---	1975
1977	---	---	---	---	700.678	700.751	700.852	700.851	700.827	---	---	---	---	1977
1978	---	---	---	---	700.433	700.531	700.633	700.587	700.604	---	---	---	---	1978
1979	---	---	---	---	---	700.925	700.773	700.726	700.751	700.784	---	---	---	1979
1980	---	---	---	---	700.909	700.909	700.896	700.745	700.930	---	---	---	---	1980
1981	---	---	---	---	---	700.649	700.860	700.659	---	---	---	---	---	1981
1982	---	---	---	---	---	700.663	700.600	700.587	700.515	---	---	---	---	1982
1983	---	---	---	---	---	700.744	700.829	700.782	700.751	---	---	---	---	1983
1984	---	---	---	---	---	701.185	700.859	---	---	---	---	---	---	1984
1985	---	---	---	---	---	700.822	700.881	700.922	700.856	700.865	---	---	---	1985
1986	---	---	---	---	---	---	700.829	700.814	700.809	---	---	---	---	1986
1987	---	---	---	---	---	700.883	700.907	700.869	700.766	700.526	---	---	---	1987
1988	---	---	---	---	---	701.114	701.120	701.024	700.972	700.968	---	---	---	1988
1989	---	---	---	---	701.021	701.195	701.203	701.072	701.101	701.080	---	---	---	1989
1990	---	---	---	---	---	---	701.002	700.903	700.863	---	---	---	---	1990
MEAN	---	---	---	---	700.760	700.680	700.697	700.607	700.594	700.719	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 48 02 N DRAINAGE AREA 8.83 km²
LONG 100 50 09 W REGULATED SINCE 1955DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

BEAVER LAKE NEAR PINE RIVER - STATION NO. 05LG801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	700.885 AT 1500 CST ON JUN 30	700.875 ON JUN 30	---	1959
1961	700.132 AT 0430 CST ON MAY 11	700.132 ON MAY 12	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	701.741 AT 1500 CST ON JUN 20 *	701.729 ON JUN 19 *	---	1966
1967	700.708 AT 1430 CST ON MAY 26	700.699 ON MAY 26	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	700.982 AT 0800 CST ON JUN 12	700.970 ON JUN 11	---	1973
1974	701.022 AT 1400 CST ON MAY 14	701.019 ON MAY 14	---	1974
1975	701.253 AT 0430 CST ON MAY 12	701.244 ON MAY 12	---	1975
1977	701.040 AT 1700 CST ON JUN 02	701.031 ON JUN 01	700.138E ON MAY 01 *	1977
1978	700.805 AT 1646 CST ON JUL 01	700.766 ON JUL 02	---	1978
1979	701.319 AT 1418 CST ON MAY 31	701.264 ON MAY 31	---	1979
1980	---	---	---	1980
1981	700.900 AT 1518 CST ON JUL 24	700.899 ON JUL 24	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	701.052 ON AUG 21	---	1985
1986	---	---	---	1986
1987	---	---	700.382 ON OCT 07	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BELL LAKE NEAR NOVRA - STATION NO. 05LF801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	679.809	679.598	679.802	---	---	---	---	1959
1960	---	---	---	---	---	---	679.460	679.584	679.443	---	---	---	---	1960
1961	---	---	---	---	---	679.488	679.395	679.313	679.212	---	---	---	---	1961
1962	---	---	---	---	---	679.535	679.458	679.390	679.537	---	---	---	---	1962
1964	---	---	---	---	---	679.638	679.552	679.744	679.965	---	---	---	---	1964
1967	---	---	---	---	---	---	---	---	679.545	---	---	---	---	1967
1969	---	---	---	---	---	---	---	680.103	680.026	---	---	---	---	1969
1970	---	---	---	---	---	---	---	680.203	679.908	---	---	---	---	1970
1971	---	---	---	---	---	---	---	680.087	679.728	---	---	---	---	1971
1973	---	---	---	---	---	---	---	679.537	679.327	---	---	---	---	1973
1974	---	---	---	---	---	---	679.992	679.790	679.725	---	---	---	---	1974
1975	---	---	---	---	---	680.309	680.380	680.213	---	---	---	---	---	1975
1976	---	---	---	---	---	---	679.752	679.545	679.423	---	---	---	---	1976
1977	---	---	---	---	---	679.810	679.939	680.070	---	---	---	---	---	1977
1978	---	---	---	---	679.761	679.758	679.706	679.597	679.632	---	---	---	---	1978
1979	---	---	---	---	---	---	680.467	679.859	679.681	679.635	---	---	---	1979
1980	---	---	---	---	---	---	---	680.268	680.604	---	---	---	---	1980
1981	---	---	---	---	---	679.917	680.181	680.235	679.938	---	---	---	---	1981
1983	---	---	---	---	---	681.537	681.544	681.282	680.578	680.331	---	---	---	1983
1984	---	---	---	---	---	---	680.735	679.952	---	---	---	---	---	1984
1986	---	---	---	---	---	---	680.386	680.337	680.275	---	---	---	---	1986
1988	---	---	---	---	---	681.015	680.264	680.121	680.053	---	---	---	---	1988
1990	---	---	---	---	---	680.766	680.507	680.304	680.226	---	---	---	---	1990
MEAN	---	---	---	---	679.761	680.177	680.090	679.961	679.831	679.983	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 52 32 30 N DRAINAGE AREA, 59.1 km²
LONG 101 13 00 W REGULATED SINCE 1955DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - PRIOR TO 1988 PUBLISHED AS "BELL LAKE NEAR OUTLET"

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1964	---	---	---	1964
1967	---	---	---	1967
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	679.802 ON MAY 30	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	680.305 AT 2053 CST ON AUG 08 *	680.300 ON AUG 08 *	---	1981
1983	---	---	---	1983
1984	---	---	---	1984
1986	---	---	---	1986
1988	---	---	---	1988
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG ISLAND LAKE NEAR FLIN FLON - STATION NO. 05KG006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	293.292	293.266	293.220	293.201	293.254	293.307	---	---	---	1980
1981	---	---	---	---	293.290	293.283	293.241	293.198	293.149	293.137	---	---	---	1981
1982	---	---	---	---	293.303	293.318	293.292	293.272	293.225	293.203	---	---	---	1982
1983	---	---	---	---	293.446	293.409	293.438	293.403	293.423	293.481	---	---	---	1983
1984	---	---	---	---	---	293.529	293.498	293.424	293.402	293.424	---	---	---	1984
1985	---	---	---	---	---	---	---	293.485	293.409	293.331	---	---	---	1985
1986	---	---	---	---	293.442	293.421	293.412	293.350	293.503	293.494	---	---	---	1986
1987	---	---	---	293.495	293.495	293.422	293.372	293.340	293.336	293.317	---	---	---	1987
1988	---	---	---	---	293.450	293.416	293.316	293.258	293.244	293.216	---	---	---	1988
1989	---	---	---	---	---	---	293.348	293.273	293.274	293.258	---	---	---	1989
1990	---	---	---	---	293.462	293.400	293.375	293.268	293.199	293.160	---	---	---	1990
MEAN	---	---	---	293.495	293.397	293.385	293.352	293.334	293.311	293.299	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 54 43 00 N DRAINAGE AREA, 132 km²
LONG 101 46 00 W REGULATED

REMARKS - PREVIOUS TO 1988 PUBLISHED UNDER THE NAME "MANISTIKWAN LAKE NEAR FLIN FLON"

BIG ISLAND LAKE NEAR FLIN FLON - STATION NO. 05KG006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	293.316 ON OCT 21	---	1980
1981	293.309 AT 1945 CST ON JUN 09	293.306 ON JUN 09	---	1981
1982	293.351 AT 1056 CST ON MAY 29	293.350 ON MAY 29	---	1982
1983	293.481 AT 1249 CST ON JUL 22	293.476 ON JUL 22	---	1983
1984	293.552 AT 2023 CST ON JUN 26	293.550 ON JUN 26	---	1984
1985	---	---	---	1985
1986	293.587 AT 1122 CST ON AUG 16 *	293.584 ON AUG 16 *	---	1986
1987	293.533 AT 1507 CST ON APR 27	293.531 ON APR 27	---	1987
1988	293.466 AT 1914 CST ON MAY 02	293.459 ON MAY 02	---	1988
1989	293.386 AT 0523 CST ON JUL 03	293.384 ON JUL 03	---	1989
1990	293.490 AT 1400 CST ON MAY 11	293.487 ON MAY 13	293.143 ON OCT 09 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG WHITESHELL LAKE AT BIG WHITESHELL LAKE - STATION NO. 05PG801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	310.593	310.588	---	---	---	---	---	1985
1986	---	---	---	---	310.711	310.453	310.332	---	---	---	---	---	---	1986
1987	---	---	---	---	---	310.182	310.164	310.171	---	---	---	---	---	1987
1988	---	---	---	---	---	310.133	310.202	310.224	310.185	310.156	---	---	---	1988
1989	---	---	---	---	310.586	310.708	310.865	310.603	310.461	310.258	---	---	---	1989
1990	---	---	---	---	310.290	310.610	310.882	310.491	310.162	310.006	309.971	---	---	1990
MEAN	---	---	---	---	310.529	310.417	310.506	310.415	310.269	310.140	309.971	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 05 00 N DRAINAGE AREA, 75.9 km²
LONG 095 21 30 W NATURAL FLOWDATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1968-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

BIG WHITESHELL LAKE AT BIG WHITESHELL LAKE - STATION NO. 05PG801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1985	---	310.632 ON SEP 07	---	1985
1986	---	---	---	1986
1987	---	310.334 ON APR 19	---	1987
1988	---	310.245 ON JUL 30	---	1988
1989	---	310.921 ON JUL 05	---	1989
1990	---	310.971 ON JUL 08 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIRCH RIVER ABOVE BRACKEN DAM NEAR THE PAS - STATION NO. 05KH003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	260.306	259.688	259.383	---	---	---	1951
1953	---	---	---	---	---	---	261.244	260.347	---	---	---	---	---	1953
1954	---	---	---	---	---	260.730	261.390	260.711	261.111	260.683	259.771	259.223	---	1954
1955	---	---	---	259.903	260.885	261.013	---	259.698	258.841	258.546	---	---	---	1955
1956	---	---	---	---	261.134	260.822	260.144	259.276	258.797	---	258.513	---	---	1956
1957	---	---	---	---	260.129	259.785	259.040	258.652	258.621	258.477	258.671	---	---	1957
1958	---	---	---	259.440	259.431	259.311	259.440	258.828	258.541	258.700	---	---	---	1958
1959	---	---	---	---	258.981	258.962	259.760	258.831	258.556	258.656	---	---	---	1959
1960	---	---	---	---	259.406	---	---	258.761	258.547	258.514	---	---	---	1960
1961	---	---	---	259.558	259.359	---	259.437	259.334	259.385	259.345	---	---	---	1961
1964	---	---	---	---	259.426	259.064	---	---	259.822	---	---	---	---	1964
1965	---	---	---	---	259.957	---	260.447	260.460	259.341	259.803	259.985	---	---	1965
1966	---	---	---	259.775	259.634	259.899	259.816	259.603	259.331	259.562	259.791	---	---	1966
1967	---	---	---	---	259.577	259.247	259.077	258.410	---	---	---	---	---	1967
1968	---	---	---	259.478	259.224	259.652	259.642	259.480	258.850	258.934	259.486	---	---	1968
1969	---	---	---	259.766	259.277	259.257	259.530	259.016	258.565	258.926	259.219	---	---	1969
1970	---	---	---	---	259.717	259.382	259.550	258.823	258.768	258.665	---	---	---	1970
1971	---	---	---	---	259.780	259.662	259.607	259.108	258.933	---	---	---	---	1971
1972	---	---	---	---	259.972	259.374	259.681	259.241	258.541	258.429	---	---	---	1972
1973	---	---	---	---	259.687	259.461	259.208	259.136	259.198	258.830	---	---	---	1973
1974	---	---	---	---	260.680	260.739	259.832	259.090	258.839	258.659	---	---	---	1974
1975	---	---	---	---	259.658	259.408	259.177	---	259.480	259.334	---	---	---	1975
1976	---	---	---	---	259.528	259.467	259.354	259.223	259.024	259.066	258.595	---	---	1976
1977	---	---	---	---	259.132	258.541	---	---	---	---	---	---	---	1977
1978	---	---	---	---	259.182	258.526	258.940	259.646	259.732	259.778	---	---	---	1978
1979	---	---	---	---	260.180	259.550	258.874	258.827	259.647	259.809	259.825	---	---	1979
1980	---	---	---	---	259.461	259.177	258.934	259.213	259.453	259.816	---	---	---	1980
1981	---	---	---	259.902	259.575	259.660	259.605	259.485	259.633	---	---	---	---	1981
1982	---	---	---	---	---	---	---	259.678	259.748	259.771	---	---	---	1982
1983	---	---	---	---	259.881	---	---	259.745	259.849	259.833	---	---	---	1983
1984	---	---	---	259.919	259.691	259.803	259.818	259.706	---	---	---	---	---	1984
1985	---	---	---	---	259.867	259.721	---	---	259.842	---	---	---	---	1985
1986	---	---	259.299	259.909	259.790	259.820	259.845	259.711	259.828	259.906	---	---	---	1986
1987	---	---	259.909	259.948	259.822	259.867	259.820	259.864	259.903	259.915	---	---	---	1987
1988	---	---	259.946	260.022	259.937	259.905	259.869	259.812	259.847	259.890	---	---	---	1988
1989	---	---	259.890	259.948	259.914	259.848	259.853	259.780	259.891	---	---	---	---	1989
1990	---	---	259.842	259.954	259.853	259.686	259.819	259.722	259.766	259.821	---	---	---	1990
MEAN	---	---	259.777	259.809	259.749	259.645	259.681	259.440	259.331	259.298	259.317	259.223	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 53 49 30 N DRAINAGE AREA, 2 390 km²
LONG 101 19 30 W REGULATED

REMARKS - RECORDS PRIOR TO 1964 HAVE NOT BEEN PUBLISHED

BIRCH RIVER ABOVE BRACKEN DAM NEAR THE PAS - STATION NO. 05KH003

7

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1953	---	---	---	1953
1954	---	261.524 ON JUL 05 *	---	1954
1955	---	261.140 ON JUN 09	257.559 ON NOV 22 *	1955
1956	---	261.390 ON MAY 07	---	1956
1957	---	260.854 ON MAY 01	---	1957
1958	---	260.101 ON MAY 01	---	1958
1959	---	260.275 ON APR 23	---	1959
1960	---	261.378 ON APR 28	---	1960
1963	---	260.147 ON APR 19	---	1963
1964	---	259.989 ON JUL 04	---	1964
1965	---	260.935 ON JUL 27	---	1965
1966	---	260.287 ON MAY 05	---	1966
1967	---	260.148 ON MAY 01	---	1967
1968	---	259.785 ON APR 28	---	1968
1969	---	260.163 ON APR 21	---	1969
1970	---	260.090 ON MAY 09	---	1970
1971	---	259.939 ON MAY 09	---	1971
1972	---	260.251 ON MAY 17	---	1972
1973	---	259.890 ON MAY 06	---	1973
1974	---	261.146 ON JUN 03	---	1974
1975	---	259.956 ON MAY 03	---	1975
1976	---	259.782 ON APR 09	258.405 ON NOV 26	1976
1977	259.574 AT 1735 CST ON APR 30	259.443 ON MAY 01	---	1977
1978	260.395 AT 0752 CST ON MAY 18 *	259.828 ON OCT 31	---	1978
1979	---	260.275 ON MAY 15	---	1979
1980	259.946 AT 1530 CST ON OCT 30	259.897 ON OCT 30	---	1980
1981	259.952 AT 2350 CST ON APR 26	259.949 ON APR 26	---	1981
1982	---	259.976 ON APR 28	---	1982
1983	259.929 AT 1400 CST ON MAY 20	259.906 ON MAY 18	---	1983
1984	259.989 AT 2145 CST ON APR 14	259.985 ON APR 15	---	1984
1985	260.041 AT 1503 CST ON MAY 18	259.973 ON MAY 18	---	1985
1986	260.054 AT 0308 CST ON MAY 04	260.051 ON MAY 04	---	1986
1987	260.031 AT 1709 CST ON OCT 13	260.009 ON APR 15	---	1987
1988	260.078 AT 0949 CST ON MAY 02	260.072 ON MAY 01	---	1988
1989	260.000 AT 1426 CST ON OCT 05	259.980 ON APR 24	259.740 ON AUG 23	1989
1990	260.036 AT 1122 CST ON APR 22	260.033 ON APR 22	259.612 ON JUN 17	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIRCH RIVER BELOW BRACKEN DAM NEAR THE PAS - STATION NO. 05KH004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	260.281	259.609	259.329	---	---	---	1951
1953	---	---	---	---	---	---	261.325	260.318	---	---	---	---	---	1953
1954	---	---	---	---	---	260.876	261.392	260.703	261.116	260.687	259.577	259.097	---	1954
1955	---	---	---	259.780	260.902	261.035	260.513	259.564	257.970	257.370	---	---	---	1955
1956	---	---	---	258.421	261.133	260.785	260.064	259.419	258.223	---	257.202	---	---	1956
1957	---	---	---	259.208	260.098	259.746	259.713	259.610	257.627	257.290	257.404	---	---	1957
1958	---	---	---	---	259.347	259.309	259.723	258.613	257.847	257.423	257.159	---	---	1958
1959	---	---	---	---	258.307	258.711	259.757	258.625	257.590	257.626	---	---	---	1959
1960	---	---	---	---	259.230	---	259.307	258.627	257.533	257.003	---	---	---	1960
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	257.977	258.458	258.609	259.932	258.215	257.716	257.860	---	---	---	1964
1965	---	---	---	---	259.854	---	261.482	260.760	259.040	258.735	258.280	---	---	1965
1966	---	---	---	259.915	259.620	259.475	259.982	259.376	257.998	257.325	257.175	---	---	1966
1967	---	---	---	---	259.720	259.226	259.068	258.289	257.484	257.154	---	---	---	1967
1968	---	---	---	258.922	---	---	257.791	257.706	257.694	257.212	257.474	---	---	1968
1969	---	---	---	259.221	259.107	258.271	259.455	258.925	258.080	258.034	257.818	---	---	1969
1970	---	---	---	---	259.738	258.509	259.223	258.736	257.857	257.354	---	---	---	1970
1971	---	---	---	---	259.397	258.631	258.670	258.568	257.512	---	---	---	---	1971
1972	---	---	---	---	260.215	259.180	259.660	259.208	257.925	257.800	---	257.965	---	1972
1973	---	---	---	---	259.095	258.991	259.344	258.971	257.878	257.639	---	---	---	1973
1974	---	---	---	---	261.408	260.718	259.758	258.954	258.645	258.352	257.563	---	---	1974
1975	---	---	---	---	259.582	259.330	259.092	---	---	257.437	---	---	---	1975
1976	---	---	---	---	---	257.409	257.420	---	257.495	---	257.244	---	---	1976
1977	---	---	---	---	---	257.136	257.143	257.076	257.347	257.065	---	---	---	1977
1978	---	---	---	---	258.845	260.340	259.389	258.413	257.927	257.223	---	---	---	1978
1979	---	---	---	---	---	---	257.968	257.471	257.130	257.006	257.140	---	---	1979
1980	---	---	---	---	257.850	258.067	258.442	---	257.127	---	---	---	---	1980
1981	---	---	---	259.255	257.771	258.591	258.316	259.066	258.128	257.668	---	---	---	1981
1982	---	---	258.319	258.595	258.600	257.991	258.037	257.745	257.207	257.293	---	---	---	1982
1983	---	---	---	258.688	258.961	258.169	---	257.719	257.229	257.246	---	---	---	1983
1984	---	---	257.835	258.786	258.193	258.235	257.686	256.854	256.857	257.065	---	---	---	1984
1985	---	---	257.857	259.287	258.761	258.669	257.933	257.437	---	---	---	---	---	1985
1986	---	---	---	258.492	258.486	257.285	258.302	257.975	257.766	258.033	---	---	---	1986
1987	---	---	258.945	259.095	257.880	257.228	---	---	257.043	256.936	---	---	---	1987
1988	---	---	257.426	258.359	257.876	---	---	---	---	256.690	---	---	---	1988
1989	---	---	---	257.644	257.560	256.988	256.913	257.171	257.591	256.924	---	---	---	1989
1990	---	---	258.608	259.430	258.645	259.273	260.148	258.605	257.448	257.142	---	---	---	1990
MEAN	---	---	258.165	258.940	259.151	258.922	259.074	258.589	257.865	257.633	257.667	259.097	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 53 49 30 N DRAINAGE AREA, 2 390 km²
LONG 101 19 30 W

REMARKS - RECORDS PRIOR TO 1964 HAVE NOT BEEN PUBLISHED

BIRCH RIVER BELOW BRACKEN DAM NEAR THE PAS - STATION NO. 05KH004
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1953	---	261.613 ON JUL 04	---	1953
1954	---	261.524 ON JUN 29	---	1954
1955	---	261.174 ON JUN 09	---	1955
1956	---	261.433 ON MAY 07	---	1956
1957	---	260.961 ON MAY 01	---	1957
1958	---	260.092 ON MAY 01	---	1958
1959	---	260.506 ON APR 21	---	1959
1960	---	261.448 ON APR 28	---	1960
1963	---	260.360 ON APR 20	---	1963
1964	---	260.346 ON JUL 07	---	1964
1965	---	261.624 ON JUL 26 *	---	1965
1966	---	261.375 ON APR 28	---	1966
1967	---	261.309 ON MAY 12	---	1967
1968	---	259.662 ON APR 21	---	1968
1969	---	260.266 ON APR 19	---	1969
1970	---	260.950 ON MAY 06	---	1970
1971	---	260.503 ON APR 25	---	1971
1972	---	260.830 ON APR 30	---	1972
1973	---	260.533 ON MAY 04	---	1973
1974	---	261.491 ON MAY 11	---	1974
1975	---	260.285 ON MAY 02	---	1975
1976	---	259.838 ON APR 15	---	1976
1977	259.272 AT 2016 CST ON APR 20	258.928 ON APR 21	256.700E ON OCT 26	1977
1978	260.381 AT 0434 CST ON MAY 02	260.264 ON MAY 02	---	1978
1979	261.057 AT 1646 CST ON MAY 08 *	260.800 ON MAY 08	---	1979
1980	259.103 AT 2050 CST ON APR 26	259.092 ON APR 26	---	1980
1981	259.988 AT 1452 CST ON APR 20	259.982 ON APR 20	---	1981
1982	260.089 AT 1558 CST ON APR 29	260.010 ON APR 29	257.018 ON SEP 16	1982
1983	260.252 AT 1224 CST ON MAY 01	260.171 ON MAY 01	---	1983
1984	259.456 AT 0433 CST ON APR 17	259.392 ON APR 17	---	1984
1985	261.049 AT 1827 CST ON APR 21	260.928 ON APR 21	---	1985
1986	260.441 AT 0211 CST ON APR 25	260.442 ON APR 25	---	1986
1987	260.154 AT 1139 CST ON APR 16	259.977 ON APR 16	---	1987
1988	259.846 AT 1455 CST ON APR 26	259.669 ON APR 26	---	1988
1989	259.246 AT 1454 CST ON APR 28	259.149 ON APR 28	256.572 ON JUN 25 *	1989
1990	260.810 AT 2032 CST ON APR 22	260.787 ON APR 22	256.752 ON OCT 12	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOISSEVAIN RESERVOIR NEAR BOISSEVAIN - STATION NO. 050A801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	517.052	517.000	517.369	517.513	517.551	517.452	517.431	---	517.209	517.177	517.158	517.138	---	1986
1988	516.541	516.459	516.497	516.794	516.790	516.611	516.384	516.072	515.842	515.713	515.610	515.517	516.235	1988
1989	---	---	---	517.464	---	---	517.222	516.986	---	516.702	516.644	---	---	1989
1990	516.571	516.523	516.641	516.972	517.084	517.278	517.442	517.275	517.139	517.042	516.990	516.962	516.996	1990
MEAN	516.721	516.661	516.836	517.186	517.142	517.114	517.120	516.778	516.730	516.659	516.601	516.539	516.615	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 12 46 N LONG 100 01 53 W DRAINAGE AREA, 49.7 km²

DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

BOISSEVAIN RESERVOIR NEAR BOISSEVAIN - STATION NO. 050A801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1988	---	516.849 ON APR 11	515.466 ON DEC 31 *	1988
1989	---	---	---	1989
1990	---	517.550 ON JUN 21 *	516.499 ON FEB 24	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYNE RIVER ABOVE CARMAN DAM - STATION NO. 050F801

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	262.540	262.460	262.458	262.277	262.316	262.410	---	---	---	1983
1984	---	---	---	---	---	---	262.833	262.794R	262.300R	262.261	---	---	---	1984
1985	---	---	---	---	262.421	262.637	262.618	262.835	262.478	262.316	---	---	---	1985
1986	---	---	---	263.226	---	262.580	262.680	262.584	262.418	262.518	---	---	---	1986
1987	---	---	---	---	262.525	262.592	262.484	262.475	262.472	262.540	262.493	---	---	1987
1988	---	---	---	---	262.527	262.473	262.461	262.431	---	---	---	---	---	1988
1989	---	---	---	---	262.649	262.638	262.641	262.519	262.579	262.608	262.600	---	---	1989
1990	---	---	---	---	---	262.737	262.673	262.575	262.471	262.468	262.462	---	---	1990
MEAN	---	---	---	263.226	262.538	262.575	262.606	262.561	262.433	262.446	262.518	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 30 17 N DRAINAGE AREA, 1 010 km²
LONG 098 01 03 W REGULATED SINCE 1941DATA CONTRIBUTED BY - R - REVISED SINCE JAN 01 1988
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVELS FOR THE PERIOD 1949-82 CAN BE OBTAINED FROM THE MANITOBA WATER RESOURCES BRANCH

BOYNE RIVER ABOVE CARMAN DAM - STATION NO. 050F801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	261.977 ON OCT 22	1988
1989	---	---	---	1989
1990	---	262.848 ON JUN 06 *	0.000 ON MAR 01 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRERETON LAKE AT BRERETON LAKE (INVERNESS FALLS) - STATION NO. 05PG807

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	315.778	315.839	315.905	---	---	---	---	---	1988
1989	---	---	---	315.988	316.123	316.139	316.056	316.071	315.944	315.842	---	---	---	1989
1990	---	---	---	315.841	316.049	316.070	315.939	315.824	315.710	315.640	315.630	---	---	1990
MEAN	---	---	---	315.915	316.086	315.996	315.945	315.933	315.827	315.741	315.630	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 55 39 N DRAINAGE AREA, 159 km²
LONG 095 32 36 W REGULATED SINCE 1962DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

BRERETON LAKE AT BRERETON LAKE (INVERNESS FALLS) - STATION NO. 05PG807

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	---	---	1988
1989	---	316.200 ON JUN 21 *	---	1989
1990	---	316.196 ON JUN 05	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRERETON LAKE NEAR RENNIE - STATION NO. 05PG003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	315.936	315.825	315.983	316.119	---	---	---	1959
1961	---	---	---	---	---	315.813	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	316.038	---	---	---	---	---	---	---	1962
1963	---	---	---	---	315.988	316.025	---	315.996	315.771	---	---	---	---	1963
1964	---	---	---	---	---	315.840	315.955	315.832	315.810	316.019	---	---	---	1964
1965	---	---	---	---	315.820	315.824	316.006	315.839	315.787	315.969	---	---	---	1965
1966	---	---	---	---	---	---	316.043	315.863	315.940	---	---	---	---	1966
1967	---	---	---	---	315.955	315.905	315.974	316.061	315.764	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	315.995	---	---	---	---	1968
1969	---	---	---	315.882	315.962	315.883	315.911	315.821	315.733	---	---	---	---	1969
1970	---	---	---	315.808	316.050	315.869	315.813	315.719	315.724	315.758	---	---	---	1970
1971	---	---	---	315.909	315.822	316.032	315.918	315.788	315.748	---	---	---	---	1971
1972	---	---	---	---	316.041	315.890	315.772	315.697	315.663	---	---	---	---	1972
1973	---	---	---	315.805	315.905	316.024	315.887	315.983	315.962	316.079	---	---	---	1973
1974	---	---	---	---	315.988	315.905	315.841	315.816	316.054	315.857	---	---	---	1974
1975	---	---	---	---	315.921	315.970	316.002	315.903	315.884	315.774	---	---	---	1975
1976	---	---	---	---	316.010	316.024	315.988	315.806	315.693	315.610	---	---	---	1976
1977	---	---	---	---	315.788	315.956	315.911	315.848	315.880	315.945	---	---	---	1977
1978	---	---	---	---	315.979	316.000	315.949	315.931	315.890	315.830	---	---	---	1978
1979	---	---	---	---	316.125	316.004	315.930	315.798	315.726	315.671	---	---	---	1979
1980	---	---	---	---	316.061	315.962	315.854	315.778	315.706	315.573	---	---	---	1980
1981	---	---	---	---	---	316.689	315.822	315.779	315.977	315.939	---	---	---	1981
1982	---	---	---	---	316.122	316.056	315.989	315.889	315.799	315.807	---	---	---	1982
1983	---	---	---	---	---	316.038	315.946	315.803	315.693	315.652	---	---	---	1983
1984	---	---	---	---	315.862	316.093	316.025	315.943	315.826	315.857	---	---	---	1984
1985	---	---	---	---	316.065	315.966	315.983	315.941	315.970	315.995	---	---	---	1985
1986	---	---	---	316.066	315.948	315.795	315.765	315.767	315.729	315.739	---	---	---	1986
1987	---	---	---	---	316.047	316.001	315.950	315.912	315.825	315.785	---	---	---	1987
MEAN	---	---	---	315.894	315.973	315.944	315.924	315.854	315.822	315.848	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

LOCATION - LAT 49 55 41 N DRAINAGE AREA, 159 km²
LONG 095 32 41 W REGULATED

BRERETON LAKE NEAR RENNIE - STATION NO. 05PG003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1961	---	---	---	1961
1962	---	316.337 ON MAY 27 *	---	1962
1963	---	316.775 ON JUN 04	---	1963
1964	---	316.105 ON JUL 09	---	1964
1965	---	316.084 ON OCT 27	---	1965
1966	---	---	---	1966
1967	---	316.200 ON AUG 04	---	1967
1968	---	---	---	1968
1969	---	316.108 ON MAY 01	---	1969
1970	---	316.138 ON MAY 03	---	1970
1971	316.120 AT 0630 CST ON APR 22	316.117 ON APR 22	---	1971
1972	316.123 AT 0806 CST ON MAY 07	316.120 ON MAY 07	---	1972
1973	316.248 AT 0659 CST ON JUN 20	316.242 ON JUN 20	---	1973
1974	316.251 AT 1308 CST ON MAY 23 *	316.245 ON MAY 24	---	1974
1975	316.160 AT 1650 CST ON JUN 28	316.111 ON JUL 01	---	1975
1976	---	316.169A ON APR 27	---	1976
1977	316.108 AT 1232 CST ON JUN 22	316.099 ON JUN 22	---	1977
1978	---	---	---	1978
1979	316.187 AT 2239 CST ON MAY 06	316.183 ON MAY 03	---	1979
1980	316.083 AT 1836 CST ON MAY 15	316.079 ON MAY 14	---	1980
1981	316.151 AT 0600 CST ON OCT 06	316.147 ON OCT 05	---	1981
1982	316.181 AT 1050 CST ON MAY 06	316.172 ON MAY 17	---	1982
1983	316.188 AT 1503 CST ON MAY 18	316.182 ON MAY 18	---	1983
1984	316.246 AT 1230 CST ON JUN 18	316.235 ON JUN 18	---	1984
1985	316.133 AT 1405 CST ON MAY 13	316.125 ON MAY 13	---	1985
1986	316.173 AT 0048 CST ON MAY 06	316.170 ON MAY 05	315.711 ON SEP 15 *	1986
1987	316.233 AT 1015 CST ON APR 16	316.229 ON APR 16	---	1987

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BURNIWOOD RIVER ABOVE MANASAN FALLS - STATION NO. 05TG005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	---	---	197.220	197.156	196.770	---	---	---	1989
1990	197.305	197.357	196.908	196.569	196.973	197.389	196.900	196.548	196.342	196.369	196.684	196.147	196.787	1990
MEAN	197.305	197.357	196.908	196.569	196.973	197.389	196.900	196.884	196.749	196.570	196.684	196.147	196.787	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 55 42 51 N DRAINAGE AREA, 17 400 km²
LONG 097 56 53 W REGULATED SINCE 1976

BURKSWOOD RIVER ABOVE MANASAH FALLS - STATION NO. 05TG005

11

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1989	---	---	---	1989
1990	197.461 AT 1655 CST ON JUN 15 *	197.442 ON JUN 15 *	195.937E ON DEC 31 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BURROWS RESERVOIR NEAR MERRIDALE - STATION NO. 05LJ811

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	623.983	623.919	---	---	624.668	624.897	---	---	624.206	---	624.098	---	---	1983
1984	---	---	623.871	624.197	624.475	624.769	---	624.307	624.201	624.264	---	---	---	1984
1985	---	---	---	---	---	624.553	---	---	---	624.396	624.194	624.014	---	1985
1986	623.838	623.790	623.748	624.322	625.341	625.059	624.386	623.793	---	---	624.445	624.220	---	1986
1987	624.057	623.911	623.837	624.436	624.615	624.513	624.369	624.288	624.211	624.173	624.131	624.015	624.214	1987
1988	623.845	623.648	623.502	624.249	625.463	624.543	624.442	624.460	624.159	624.183	624.091	623.923	624.169	1988
1989	623.724	623.506	623.325	623.452	623.645	623.910	624.471	624.744	624.968	624.911	624.975	624.932	624.218	1989
1990	624.828	624.722	624.507	624.330	625.194	624.875	624.803	624.610	624.436	624.248	624.101	623.980	624.553	1990
MEAN	624.046	623.916	623.798	624.164	624.772	624.640	624.454	624.317	624.364	624.363	624.291	624.181	624.289	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 51 23 51 N DRAINAGE AREA, 528 km² DATA CONTRIBUTED BY -
 LONG 101 02 05 W REGULATED SINCE 1954 MANITOBA WATER RESOURCES BRANCH

REMARKS - PRIOR TO 1988 PUBLISHED AS "UPPER GRANDVIEW RESERVOIR"

BURROWS RESERVOIR NEAR MERRIDALE - STATION NO. 05LJ811

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	624.782 ON APR 26	623.798 ON MAR 14	1987
1988	---	626.184E ON MAY 07 *	623.456 ON MAR 19	1988
1989	---	624.995 ON SEP 09	623.008 ON MAR 10 *	1989
1990	---	625.361 ON MAY 26	623.919 ON DEC 31	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CADDY LAKE AT CADDY LAKE (CAMPGROUND) - STATION NO. 05PG806

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	319.048	318.339	318.208	318.195	---	---	---	---	---	1986
1987	---	---	---	---	318.269	318.276	318.274	318.254	---	---	---	---	---	1987
1988	---	---	---	---	318.199	318.147	318.287	318.179	---	---	---	---	---	1988
1990	---	---	---	---	---	319.098	318.746	318.242	---	---	---	---	---	1990
MEAN	---	---	---	---	318.505	318.465	318.379	318.218	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 48 35 N DRAINAGE AREA, 198 km² DATA CONTRIBUTED BY -
 LONG 095 13 07 W REGULATED MANITOBA WATER RESOURCES BRANCH

CADDY LAKE AT CADDY LAKE (CAMPGROUND) - STATION NO. 05PG806

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1990	---	319.292 ON JUN 24 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	254.839	255.383	255.781	---	---	1964
1965	---	256.390	256.519	256.429	256.458	256.311	256.209	256.302	256.544	256.569	256.519	256.394	---	1965
1966	256.267	---	---	255.851	256.228	256.121	256.475	256.614	256.473	256.420	256.279	256.010	---	1966
1967	255.565	---	254.985	254.879	255.251	256.046	256.380	256.574	256.371	256.200	255.933	---	---	1967
1968	---	---	---	254.808	255.302	255.358	255.656	255.960	256.201	256.236	---	---	---	1968
1969	255.196	254.624	254.255	254.109	255.238	255.719	256.067	256.436	256.504	256.526	256.330	255.873	255.580	1969
1970	255.285	254.564	253.835	---	---	255.389	255.896	256.189	256.221	256.216	256.256	255.867	---	1970
1971	255.487	255.071	254.560	254.264	255.279	255.752	256.055	256.304	256.206	256.114	256.005	255.664	255.568	1971
1972	255.230	254.651	254.126	253.969	255.101	255.905	256.358	256.310	256.345	256.171	255.951	255.518	255.490	1972
1973	255.057	254.706	254.302	254.457	255.473	256.293	256.455	256.460	256.311	256.444	256.317	256.045	255.700	1973
1974	255.738	255.204	254.762	254.015	255.383	256.417	256.248	256.437	256.436	256.395	256.494	256.057	255.803	1974
1975	255.563	254.771	---	---	---	256.019	256.392	256.430	256.218	255.954	256.057	255.618	---	1975
1976	---	---	---	254.150	254.855	255.181	255.553	255.802	256.082	256.323	256.399	255.933	---	1976
1977	255.160	254.728	254.464	254.623	---	---	255.486	---	255.872	255.784	255.590	---	---	1977
1978	254.581	253.894	---	---	254.778	255.592	256.106	256.398	256.457	256.494	256.467	255.946	---	1978
1979	255.298	254.263	---	---	255.252	256.417	256.334	256.361	256.416	256.473	256.523	256.288	---	1979
1980	255.789	255.226	---	---	255.727	255.988	256.201	256.029	255.875	255.672	255.322	254.845	---	1980
1981	---	---	---	255.519	256.105	256.185	256.196	256.078	256.035	256.032	256.147	---	---	1981
1982	---	---	---	---	---	255.292	255.680	256.019	255.958	---	---	---	---	1982
MEAN	255.378	254.841	254.668	254.756	255.459	255.881	256.097	256.277	256.177	256.189	256.139	255.851	255.628	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 07 00 N
LONG 099 50 00 W REGULATED

CEDAR LAKE AT EASTERVILLE - STATION NO. 05KL009

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	---	256.678 ON SEP 25	---	1965
1966	257.041 AT 1300 CST ON AUG 17 *	256.757 ON AUG 17 *	255.730 ON APR 01	1966
1967	256.885 AT 0130 CST ON SEP 23	256.648 ON AUG 02	254.807 ON APR 27	1967
1968	---	256.456 ON SEP 24	---	1968
1969	---	256.724 ON OCT 07	253.901 ON APR 11	1969
1970	256.639 AT 1130 CST ON OCT 02	256.398 ON OCT 02	---	1970
1971	256.660 AT 2025 CST ON OCT 07	256.398 ON AUG 24	254.124 ON APR 09	1971
1972	256.821 AT 1525 CST ON AUG 31	256.605 ON JUL 30	253.904 ON APR 20	1972
1973	256.806 AT 1203 CST ON OCT 15	256.639 ON OCT 15	254.340 ON APR 13	1973
1974	256.882 AT 0740 CST ON NOV 09	256.648 ON AUG 26	253.847 ON APR 23	1974
1975	---	256.489 ON JUL 07	---	1975
1976	---	256.480A ON NOV 02	253.783 ON MAR 28 *	1976
1977	---	---	---	1977
1978	256.776 AT 1026 CST ON NOV 05	256.663 ON NOV 08	---	1978
1979	256.648 AT 0309 CST ON JUN 15	256.603 ON JUN 15	---	1979
1980	256.353 AT 0559 CST ON JUL 07	256.268 ON JUL 07	---	1980
1981	256.345 AT 0759 CST ON JUL 02	256.310 ON JUL 02	---	1981
1982	256.150 AT 0105 CST ON AUG 13	256.090 ON AUG 26	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	253.824	253.635	253.700	253.693	---	---	---	---	---	1943
1944	---	---	---	---	---	---	---	---	253.472	---	---	---	---	1944
1945	---	---	---	---	---	---	253.821	253.580	---	---	---	---	---	1945
1946	---	---	---	---	---	---	---	253.614	---	---	---	---	---	1946
1947	---	---	---	---	---	---	---	253.588	253.374	253.301	---	---	---	1947
1948	---	---	---	---	---	254.507	254.548	254.140	---	---	---	---	---	1948
1949	---	---	---	---	---	253.286	---	253.356	---	---	---	---	---	1949
1950	---	---	---	---	---	253.431	253.696	---	253.398	---	---	---	---	1950
1951	---	---	---	---	---	253.984	254.018	---	---	---	---	---	---	1951
1952	---	---	---	---	---	254.010	---	---	253.748	---	---	---	---	1952
1953	---	---	---	---	---	253.832	---	---	253.891	---	---	---	---	1953
1954	---	---	---	---	---	---	254.277	254.280	254.214	---	---	---	---	1954
1955	---	---	---	---	---	254.254	254.194	253.527	---	---	---	---	---	1955
1956	---	---	---	---	---	254.207	254.040	253.791	253.501	---	---	---	---	1956
1957	---	---	---	---	---	253.656	253.713	253.614	253.330	253.138	---	---	---	1957
1958	---	---	---	---	253.815	253.474	253.773	253.644	---	253.155	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	253.714	253.556	253.213	253.040	---	---	---	1960
1961	---	---	---	---	---	253.394	253.468	253.197	---	---	---	---	---	1961
1962	---	---	---	---	---	253.508	253.438	253.407	253.237	---	---	---	---	1962
1966	---	---	---	255.819	---	---	---	256.626	---	256.412	---	256.007	---	1966
1967	255.581	255.267	254.987	254.871	255.245	---	---	---	---	256.199	---	---	---	1967
1968	---	---	---	---	255.228	255.705	255.642	---	256.182	256.219	256.119	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	256.221	256.209	---	---	---	---	1970
1971	---	---	---	---	---	---	256.047	256.312	256.211	256.097	255.989	255.655	---	1971
1972	---	---	---	253.979	255.100	255.907	256.357	256.518	256.337	256.167	255.965	255.523	---	1972
1973	255.064	254.709	254.507	254.455	255.481	256.291	---	256.254	---	---	---	---	---	1973
1974	---	255.203	254.753	253.994	---	---	256.246	256.424	256.436	256.421	256.510	256.074	---	1974
1975	255.571	254.775	254.073	253.717	255.008	256.035	256.389	256.399	256.218	255.937	256.071	255.632	255.491	1975
1976	---	254.633	254.016	254.139	254.847	255.183	255.565	255.811	---	---	256.397	255.946	---	1976
1977	255.166	254.719	254.483	254.637	255.730	255.299	255.497	255.718	255.874	255.795	255.592	---	---	1977
1978	254.284	253.897	253.676	253.605	254.782	255.602	256.114	256.403	256.457	256.514	256.457	255.940	255.320	1978
1979	255.300	254.256	253.706	253.882	255.241	256.420	256.351	256.393	256.453	256.497	256.534	256.291	255.619	1979
1980	255.796	255.228	254.679	254.859	255.737	255.980	256.182	256.067	255.863	255.692	255.324	254.837	255.522	1980
1981	254.443	254.509	254.995	255.528	256.123	256.223	256.229	256.103	---	---	---	---	---	1981
1982	---	254.173	253.782	---	254.563	255.270	255.681	256.015	255.969	---	255.939	255.714	---	1982
1983	255.648	255.133	254.218	---	---	255.347	255.739	256.141	256.110	255.965	255.871	255.482	---	1983
1984	254.788	254.468	---	---	254.823	255.151	255.427	255.375	255.322	255.449	255.304	255.235	---	1984
1985	254.408	253.389	253.497	---	---	256.196	256.464	256.517	256.267	256.230	256.021	255.422	---	1985
1986	255.203	254.548	253.722	254.010	255.311	255.950	256.192	256.472	256.316	256.231	255.838	255.528	---	1986
1987	255.553	254.796	254.273	254.383	254.984	255.205	256.314	256.466	256.405	256.496	256.615	255.690	255.174	1987
1988	255.341	254.493	254.474	254.738	255.551	255.927	256.707	256.841	256.642	256.604	256.466	255.492	255.327	1988
1989	255.447	254.922	253.861	253.397	254.295	254.773	254.936	255.063	255.349	255.362	255.249	254.720	254.781	1989
1990	254.555	254.286	254.163	254.252	255.259	255.856	256.255	256.312	255.909	255.502	255.298	255.213	255.252	1990
MEAN	255.134	254.600	254.215	254.369	255.022	254.885	255.073	255.124	255.123	255.530	255.892	255.595	255.335	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1971 ADJ.)

LOCATION - LAT 53 19 33 N DRAINAGE AREA, 364 000 km²
LONG 100 16 00 W REGULATED

REMARKS - RECORDS PRIOR 1958 HAVE NOT BEEN PUBLISHED

CEDAR LAKE NEAR OLESON POINT - STATION NO. 05K005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1943	---	253.911 ON MAY 16	---	1943
1944	---	---	---	1944
1945	---	253.865 ON JUL 22	---	1945
1946	---	---	---	1946
1947	---	254.663 ON JUL 01	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	253.917 ON JUL 30	---	1950
1951	---	254.124 ON AUG 14	---	1951
1952	---	---	---	1952
1953	---	254.414 ON AUG 02	---	1953
1954	---	---	---	1954
1955	---	254.285 ON JUN 08	---	1955
1956	---	254.258 ON JUN 02	---	1956
1957	---	253.938 ON JUN 05	---	1957
1958	---	253.950 ON MAY 15	---	1958
1959	---	253.853 ON JUL 28	---	1959
1960	---	---	---	1960
1961	---	253.588 ON JUL 06	---	1961
1962	---	---	---	1962
1966	257.068 AT 1900 CST ON AUG 30 *	256.745 ON AUG 18 *	---	1966
1967	256.706 AT 1630 CST ON AUG 13	256.568 ON AUG 11	---	1967
1968	---	256.270 ON SEP 25	---	1968
1969	---	256.587 ON OCT 07	---	1969
1970	256.544 AT 0915 CST ON NOV 12	256.315 ON NOV 03	---	1970
1971	256.639 AT 1100 CST ON AUG 17	256.267 ON AUG 19	---	1971
1972	256.831 AT 0800 CST ON AUG 12	256.275 ON AUG 10	---	1972
1973	256.651 AT 1955 CST ON JUL 05	256.520 ON JUL 06	254.322 ON APR 13	1973
1974	256.745 AT 1550 CST ON NOV 09	256.578 ON NOV 14	---	1974
1975	256.639 AT 0857 CST ON AUG 12	256.495 ON AUG 12	253.588 ON APR 14	1975
1976	---	256.428 ON NOV 03	253.770 ON MAR 28	1976
1977	255.950 AT 0750 CST ON SEP 16	256.828 ON SEP 17	253.295 ON APR 06	1977
1978	256.620 AT 1159 CST ON NOV 05	256.593 ON NOV 09	253.344 ON APR 15	1978
1979	256.600 AT 2324 CST ON JUN 14	256.581 ON JUN 15	253.650 ON MAR 18	1979
1980	256.295 AT 0911 CST ON JUL 24	256.222 ON JUL 24	254.411 ON MAR 27	1980
1981	256.355 AT 2006 CST ON JUN 27	256.244 ON JUN 29	254.369 ON JAN 18	1981
1982	256.125 AT 0137 CST ON AUG 24	256.073 ON AUG 24	---	1982
1983	256.245 AT 1244 CST ON AUG 19	256.198 ON SEP 19	---	1983
1984	255.600 AT 0739 CST ON OCT 16	255.527 ON OCT 21	---	1984
1985	256.629 AT 1739 CST ON AUG 13	256.559 ON AUG 14	253.248 ON FEB 20 *	1985
1986	256.583 AT 0924 CST ON SEP 04	256.245 ON SEP 04	253.599 ON MAR 28	1986
1987	---	255.774E ON JAN 01	254.173 ON MAR 21	1987
1988	255.871 AT 1413 CST ON JUN 23	255.768 ON JUN 19	254.277 ON FEB 19	1988
1989	255.548 AT 2112 CST ON OCT 05	255.500 ON JAN 04	253.320 ON APR 14	1989
1990	256.451 AT 1533 CST ON JUL 28	256.396 ON AUG 03	254.086 ON MAR 01	1990

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM (LOCAL 1971 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHILDS LAKE NEAR BOGGY CREEK - STATION NO. 05MD008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	1.723	---	---	---	---	---	1974
1975	---	---	---	---	---	1.889	1.825	1.730	1.659	---	---	---	---	1975
1976	---	---	---	1.593	1.621	1.613	1.615	1.593	1.626	1.640	---	---	---	1976
1977	---	---	---	---	1.718	1.739	1.712	1.639	1.633	1.616	---	---	---	1977
1978	---	---	---	---	---	2.015	1.979	1.932	1.918	1.816	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	1.594	1.544	1.528	---	1.477	1.433	---	---	---	1980
1981	---	---	---	---	1.457	1.447	1.424	1.415	1.346	1.317	---	---	---	1981
1982	---	---	---	---	1.349	1.344	1.323	1.339	1.260	1.233	---	---	---	1982
1983	---	---	---	---	1.365	1.435	1.462	1.385	1.288	1.266	---	---	---	1983
1984	---	---	---	1.299	1.336	1.412	1.449	1.378	1.310	1.300	---	---	---	1984
1985	---	---	---	---	1.425	1.460	1.455	1.446	1.442	1.399	---	---	---	1985
1986	---	---	---	---	1.549	1.622	1.671	1.626	1.544	1.543	---	---	---	1986
1987	---	---	1.616	1.549	1.654	1.663	---	---	1.637	1.601	---	---	---	1987
1988	---	---	1.631	1.716	1.905	1.712	1.629	1.561	1.515	1.460	---	---	---	1988
1989	---	---	---	1.443	1.443	1.486	1.498	1.470	1.458	1.388	---	---	---	1989
1990	---	---	---	---	1.650	1.735	1.723	1.647	1.577	1.502	---	---	---	1990
MEAN	---	---	1.624	1.542	1.552	1.629	1.597	1.563	1.513	1.465	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 34 37 N DRAINAGE AREA, 67.6 km²
LONG 101 01 54 W NATURAL FLOW

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1974	---	---	---	1974
1976	---	---	---	1976
1977	1.670 AT 1333 CST ON SEP 27	1.667 ON SEP 26	1.542A ON MAR 09	1977
1978	1.756 AT 2107 CST ON JUN 07	1.750 ON JUN 04	---	1978
1979	2.028 AT 0417 CST ON JUN 08 *	2.027 ON JUN 07 *	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	1.407 AT 0925 CST ON JUL 17	1.404 ON JUL 17	---	1982
1983	1.482 AT 1421 CST ON JUL 10	1.479 ON JUL 16	---	1983
1984	1.504 AT 0335 CST ON JUN 29	1.502 ON JUN 25	---	1984
1985	1.485 AT 1455 CST ON AUG 15	1.483 ON AUG 15	---	1985
1986	---	1.694 ON JUL 12	---	1986
1987	---	1.738 ON JUL 07	---	1987
1988	1.950 AT 1325 CST ON MAY 12	1.952 ON MAY 09	---	1988
1989	1.526 AT 2230 CST ON JUN 27	1.524 ON JUN 27	1.370 ON OCT 23 *	1989
1990	1.750 AT 1158 CST ON JUL 11	1.746 ON JUL 11	---	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEAR LAKE AT WASAGAMING - STATION NO. 05MF019

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	615.230	615.299	615.332	615.258	615.170	615.114	615.015	---	---	---	1960
1961	---	---	615.058	615.077	615.133	615.118	615.033	614.939	614.848	614.797	---	---	---	1961
1962	---	---	614.873	614.883	614.902	614.981	614.966	614.757	614.325	614.872	---	---	---	1962
1963	---	---	614.898	614.958	615.066	615.128	615.149	615.157	615.100	615.100	---	---	---	1963
1964	---	---	---	---	615.195	615.171	615.136	615.102	615.069	615.033	---	---	---	1964
1965	---	---	---	---	615.265	615.344	615.344	615.305	615.326	---	---	---	---	1965
1966	---	---	---	615.402	615.488	615.505	615.502	615.459	615.402	615.327	---	---	---	1966
1967	---	---	---	---	615.542	615.514	615.468	615.436	615.313	615.234	---	---	---	1967
1968	---	---	---	---	615.409	615.414	615.446	615.513	615.534	615.469	---	---	---	1968
1969	---	---	---	---	615.572	---	615.616	615.568	615.481	615.424	---	---	---	1969
1970	---	---	---	---	---	615.684	615.598	615.462	615.365	615.361	---	---	---	1970
1971	---	---	---	---	615.470	615.582	615.523	615.481	615.418	615.336	---	---	---	1971
1972	---	---	---	---	615.309	615.278	615.198	615.148	615.085	615.007	---	---	---	1972
1973	---	---	---	615.078	615.114	615.146	615.143	615.123	615.108	615.119	---	---	---	1973
1974	---	---	---	---	615.412	615.414	615.335	615.226	615.181	615.110	---	---	---	1974
1975	---	---	---	---	---	615.342	615.325	615.320	---	615.416	---	---	---	1975
1976	---	---	---	---	615.426	615.428	615.328	615.320	615.135	615.048	---	---	---	1976
1977	---	---	---	615.104	615.164	615.199	615.241	615.197	615.190	615.169	615.141	---	---	1977
MEAN	---	---	614.943	615.105	615.298	615.328	615.315	615.264	615.211	615.167	615.141	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 39 39 N LONG 099 58 27 W DRAINAGE AREA, 156 km²

CLEAR LAKE AT WASAGAMING - STATION NO. 05MF019

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	615.367 ON MAY 30	---	1960
1961	---	615.141 ON MAY 13	---	1961
1962	---	615.001 ON JUN 22	---	1962
1963	---	615.169 ON JUL 02	---	1963
1964	---	615.208 ON MAY 04	---	1964
1965	---	615.358 ON JUN 05	---	1965
1966	---	615.546 ON JUL 05	---	1966
1967	---	615.556 ON MAY 23	---	1967
1968	---	615.547 ON SEP 12	---	1968
1969	---	615.641 ON JUL 08	---	1969
1970	---	615.766 ON MAY 18 *	---	1970
1971	---	615.653 ON JUN 17	---	1971
1972	---	615.327 ON MAY 10	---	1972
1973	---	615.172 ON JUN 24	---	1973
1974	---	615.440 ON MAY 28	---	1974
1975	---	615.483 ON SEP 20	---	1975
1976	---	615.461 ON JUN 14	---	1976
1977	---	615.285 ON JUL 13	615.092 ON APR 01 *	1977

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEARWATER LAKE AT GUY HILL - STATION NO. 05KK009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	260.166	260.149	260.120	260.049	---	259.994	260.011	---	1971
1972	260.032	260.041	260.051	260.071	260.132	260.183	260.239	260.212	260.123	260.062	260.008	260.012	260.098	1972
1973	260.036	260.045	---	---	260.168	260.274	260.296	---	260.160	260.100	260.042	260.065	---	1973
1974	260.073	260.094	260.133	260.135	260.212	260.255	---	260.219	260.172	260.087	---	---	---	1974
1975	---	260.083	260.082	260.101	260.159	260.270	260.358	260.307	260.231	260.159	260.099	260.076	---	1975
1976	260.083	260.080	260.081	260.082	260.081	260.176	260.258	260.234	260.176	260.030	259.975	259.966	260.099	1976
1977	259.974	259.977	259.997	260.014	260.036	260.050	260.111	260.146	260.147	260.093	260.109	260.106	260.064	1977
1978	260.113	260.111	260.110	260.142	260.164	260.206	260.198	260.176	260.116	260.068	260.059	260.048	260.126	1978
1979	260.058	260.063	260.073	260.085	260.148	260.241	260.229	260.156	260.128	260.080	260.040	260.027	260.111	1979
1980	260.045	260.058	260.060	260.054	260.050	260.061	260.055	260.001	259.953	259.919	259.867	259.856	259.998	1980
1981	259.864	259.884	259.899	259.945	259.927	260.030	260.026	260.026	259.965	259.935	259.974	259.992	259.955	1981
1982	260.030	260.037	260.051	260.054	260.088	260.177	---	---	259.965	259.935	259.890	259.912	---	1982
1983	259.936	259.949	259.965	259.978	260.055	260.176	260.291	260.311	260.260	260.173	260.141	260.135	260.115	1983
1984	260.144	260.140	260.135	260.175	260.252	260.338	260.326	260.225	260.134	260.101	260.103	---	---	1984
1985	260.122	260.127	260.126	260.125	260.204	260.253	260.259	260.238	260.208	260.104	260.070	260.068	260.159	1985
1986	260.084	260.086	260.087	260.111	260.193	260.225	260.246	260.257	260.142	260.095	260.041	260.048	260.137	1986
1987	260.058	260.070	260.085	260.102	260.117	260.141	260.130	260.109	260.045	259.970	259.916	259.905	260.054	1987
1988	259.921	259.935	259.944	259.970	260.001	260.015	259.996	259.954	259.869	259.792	259.727	259.704	259.902	1988
1989	259.719	259.737	259.748	259.751	259.775	259.811	259.908	259.868	259.859	259.795	259.782	259.786	259.795	1989
1990	259.799	259.835	259.837	259.836	259.912	259.968	---	---	---	---	---	---	---	1990
MEAN	260.005	260.019	260.026	260.042	260.089	260.148	260.182	260.151	260.088	260.029	259.991	259.983	260.047	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 53 58 55 N DRAINAGE AREA, 673 km²
LONG 101 05 00 W NATURAL FLOW

CLEARWATER LAKE AT GUY HILL - STATION NO. 05KK009

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	260.317 AT 2250 CST ON JUN 29	260.253 ON JUL 07	260.000 ON NOV 08	1972
1973	---	---	---	1973
1974	260.305 AT 2310 CST ON JUN 26	260.266 ON JUN 29	260.049 ON NOV 15	1974
1975	260.522 AT 2145 CST ON JUL 06 *	260.409 ON JUL 07 *	260.052 ON JAN 03	1975
1976	260.317 AT 1146 CST ON JUL 29	260.293 ON JUL 31	259.961 ON NOV 26	1976
1977	260.214 AT 2345 CST ON AUG 09	260.223 ON JUL 02	259.964 ON JAN 30	1977
1978	260.225 AT 0134 CST ON JUL 30	260.254 ON JUN 25	260.040 ON NOV 20	1978
1979	260.263 AT 2350 CST ON JUN 24	260.077 ON JUL 19	260.021 ON DEC 07	1979
1980	260.087 AT 0228 CST ON JUN 25	260.048 ON JUL 24	259.847 ON DEC 01	1980
1981	260.063 AT 1100 CST ON JUL 19	260.145 ON JUN 24	259.858 ON JAN 16	1981
1982	260.158 AT 1838 CST ON JUN 23	260.355 ON JUL 29	259.877 ON NOV 21	1982
1983	260.326 AT 0617 CST ON JUL 29	260.369 ON JUN 26	259.927 ON JAN 01	1983
1984	260.371 AT 2235 CST ON JUN 25	260.286 ON JUL 08	260.085 ON OCT 09	1984
1985	260.297 AT 2208 CST ON JUL 08	260.296 ON AUG 09	260.055 ON NOV 21	1985
1986	260.310 AT 2249 CST ON AUG 08	260.152 ON JUN 22	260.025 ON NOV 18	1986
1987	260.154 AT 0944 CST ON JUN 25	260.029 ON JUN 07	259.898 ON DEC 12	1987
1988	260.031 AT 2053 CST ON JUN 07	259.922 ON JUL 12	259.692 ON DEC 16 *	1988
1989	259.926 AT 2101 CST ON JUL 09	---	259.715 ON JAN 14	1989
1990	260.028 AT 0001 CST ON JUN 26	259.991 ON JUL 03	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLEARWATER LAKE NEAR THE PAS - STATION NO. 05KK003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1968	---	---	---	---	---	260.096	---	260.047	---	---	---	---	---	1968
1969	---	---	---	---	---	---	260.374	260.311	260.211	260.115	---	---	---	1969
1970	---	---	---	---	---	---	260.374	260.179	260.211	260.115	---	---	---	1970
MEAN	---	---	---	---	---	260.096	260.374	260.179	260.211	260.115	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 59 00 N
LONG 101 10 00 W NATURAL FLOW

CLEARWATER LAKE NEAR THE PAS - STATION NO. 05KK003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	260.037 ON SEP 06	---	1964
1965	---	260.287 ON JUL 23	---	1965
1966	---	260.381 ON JUL 12	---	1966
1968	---	260.235 ON JUL 10	---	1968
1969	---	---	---	1969
1970	260.500 AT 1910 CST ON JUL 16 *	260.397 ON JUL 12 *	---	1970

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CORMORANT LAKE AT CORMORANT - STATION NO. 05KK002

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	256.454	256.419	256.424	256.459	256.454	---	1978
1979	---	---	---	256.354	256.468	256.751	256.809	256.701	256.630	256.555	256.518	256.495	---	1979
1980	---	---	---	---	256.364	256.309	256.230	256.131	256.103	256.142	256.162	256.161	---	1980
1981	---	---	---	256.036	256.042	256.094	---	256.940	255.977	256.082	256.129	---	---	1981
1982	---	256.174	---	---	---	256.337	256.277	256.171	256.069	---	---	---	---	1982
1983	255.980	255.987	255.961	255.960	256.063	256.236	256.428	256.624	256.652	256.705	256.734	256.737	256.341	1983
1984	256.700	256.665	256.616	256.645	256.835	257.007	257.084	256.943	256.803	256.767	256.807	256.792	256.806	1984
1985	---	---	256.642	256.589	256.801	256.988	257.034	256.976	256.975	256.898	256.853	256.794	---	1985
1986	256.736	256.674	256.597	256.580	---	256.803	256.854	256.908	256.772	256.713	256.637	256.601	---	1986
1987	256.565	256.523	256.473	256.444	256.478	256.542	256.510	256.414	256.307	256.203	256.130	256.092	256.389	1987
1988	---	---	256.004	256.010	---	---	256.009	255.908	255.817	255.716	255.665	255.657	---	1988
1989	255.634	---	---	255.629	---	255.617	255.689	255.638	255.649	255.637	---	255.701	---	1989
1990	255.743	255.753	255.751	255.735	255.837	255.914	255.906	255.790	255.647	255.557	255.546	255.554	255.728	1990
MEAN	256.226	256.296	256.292	256.198	256.361	256.418	256.439	256.388	256.291	256.275	256.327	256.264	256.316	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 54 13 00 N DRAINAGE AREA, 2 740 km²
LONG 100 36 00 W REGULATED

CORMORANT LAKE AT CORMORANT - STATION NO. 05KK002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	---	---	1978
1979	257.040 AT 0123 CST ON JUN 25	256.837 ON JUL 08	256.343 ON APR 06	1979
1980	256.507 AT 0820 CST ON JAN 13	256.494 ON JAN 18	256.067 ON SEP 13	1980
1981	---	---	255.904 ON SEP 20	1981
1982	256.409 AT 0809 CST ON JUN 09	256.352 ON JUN 06	---	1982
1983	256.786 AT 2251 CST ON OCT 16	256.761 ON NOV 24	255.945 ON APR 27	1983
1984	257.234 AT 1129 CST ON JUN 30 *	257.119 ON JUL 04 *	256.596 ON MAR 24	1984
1985	257.129 AT 1615 CST ON JUL 08	257.071 ON JUL 07	256.568 ON APR 16	1985
1986	257.097 AT 1852 CST ON AUG 15	256.939 ON AUG 07	256.364 ON MAR 30	1986
1987	256.667 AT 1027 CST ON JUN 17	256.582 ON JAN 04	256.074 ON DEC 31	1987
1988	---	256.083 ON JAN 07	255.646 ON DEC 10	1988
1989	255.730 AT 0153 CST ON DEC 30	255.726 ON DEC 30	255.579 ON AUG 22	1989
1990	255.957 AT 1444 CST ON JUL 01	255.937 ON JUL 01	255.516 ON OCT 30 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CROSS LAKE ABOVE WHITEMUD FALLS - STATION NO. 05UD009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	208.196	207.928	207.690	---	---	---	---	1972
MEAN	---	---	---	---	---	---	208.196	207.928	207.690	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 42 30 N
LONG 097 52 30 W

CROSS LAKE ABOVE WHITEMUD FALLS - STATION NO. 05UD009

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	207.358	207.231	207.054	---	---	1918
1919	206.718	---	---	---	206.643	206.967	206.919	206.950	206.865	206.747	---	---	---	1919
1920	---	---	206.252	206.225	---	207.123	207.262	207.261	207.234	207.154	206.848	206.527	---	1920
1921	206.113	205.995	206.034	206.054	206.457	207.061	207.311	207.240	207.239	207.154	206.990	206.726	206.702	1921
1922	206.812	206.677	206.393	206.300	206.899	207.437	207.595	207.560	207.451	207.299	207.130	206.853	207.036	1922
1923	206.865	206.749	206.461	206.265	206.734	207.176	207.280	207.272	207.240	---	207.133	206.799	---	1923
1924	206.666	206.585	206.320	206.174	206.561	206.972	207.106	207.075	207.006	207.013	206.863	206.540	206.741	1924
1925	206.488	206.381	206.189	206.267	206.673	207.018	207.392	207.480	207.460	207.286	206.968	206.887	206.877	1925
1926	206.977	206.917	206.816	206.514	206.815	207.125	207.105	---	206.898	206.787	206.757	206.835	---	1926
1927	206.860	206.843	206.737	206.649	207.176	207.765	208.047	208.134	208.222	208.201	207.984	207.845	207.543	1927
1928	207.800	207.616	207.293	207.087	207.410	207.617	207.617	207.690	207.666	---	207.367	207.063	---	1928
1929	207.023	206.969	206.862	206.611	206.822	207.129	207.209	207.070	206.885	206.745	206.493	206.452	206.856	1929
1930	---	---	---	---	---	206.672	206.701	206.621	206.482	206.284	206.177	206.085	---	1930
1931	206.024	205.927	205.755	205.916	---	206.305	206.262	206.214	206.258	206.162	206.257	206.020	---	1931
1932	205.927	205.953	205.748	205.694	206.351	206.505	206.518	206.528	206.448	206.240	206.120	206.034	206.173	1932
1933	205.922	205.837	205.662	---	206.233	206.733	206.894	---	---	---	---	---	---	1933
1950	---	---	---	---	---	---	---	208.258	208.217	208.238	208.094	207.729	---	1950
1951	207.695	207.534	207.285	207.144	207.546	207.928	207.965	207.897	207.741	207.673	207.420	207.271	207.593	1951
1952	207.121	207.150	206.948	206.883	207.369	207.621	207.717	207.623	207.571	207.421	207.254	207.008	207.323	1952
1953	207.121	207.014	---	---	---	207.260	207.691	207.795	207.751	207.811	207.780	---	---	1953
1954	---	---	---	---	---	207.742	208.043	208.183	---	208.172	---	---	---	1954
1955	---	---	---	207.430	---	---	---	---	207.947	207.536	---	---	---	1955
1956	---	---	207.303	207.090	207.371	208.011	208.102	208.049	207.886	207.751	207.127	207.221	---	1956
1957	207.135	207.068	206.994	206.714	207.131	---	---	---	---	---	207.127	---	---	1957
1958	206.673	206.597	206.542	206.544	206.857	207.008	207.007	207.050	206.976	206.851	206.791	206.663	206.798	1958
1959	---	206.570	206.293	206.241	206.917	207.481	207.686	---	---	207.441	207.235	207.169	---	1959
1960	---	207.156	---	206.807	207.379	207.863	207.740	207.564	207.422	---	---	---	---	1960
1961	206.581	206.516	---	---	---	206.885	---	---	---	206.332	---	---	---	1961
1962	---	---	205.713	205.660	206.272	206.315	---	---	---	207.176	206.978	206.723	---	1962
1963	206.788	---	---	206.450	206.954	207.414	207.476	207.353	207.291	207.187	206.937	206.666	---	1963
1964	206.589	206.436	206.314	206.269	206.842	207.074	207.151	207.110	207.080	206.979	---	---	---	1964
1965	---	206.908	206.662	206.572	---	---	208.054	208.068	207.937	207.834	---	---	---	1965
1966	---	---	---	207.356	207.882	208.597	---	208.569	208.334	208.065	207.624	207.499	---	1966
1967	207.634	207.605	---	207.723	208.234	208.146	208.146	207.903	207.703	207.407	207.145	206.936	---	1967
1968	207.000	206.940	206.790	206.685	---	207.413	207.479	207.413	207.528	---	---	---	---	1968
1969	207.480	207.514	---	---	---	207.979	207.943	207.907	208.000	---	---	207.659	---	1969
1970	---	---	207.724	207.545	207.925	208.227	208.351	208.193	207.918	207.669	207.718	---	---	1970
1971	---	---	207.496	207.533	208.035	208.140	208.014	207.796	---	---	207.109	207.147	---	1971
1972	207.404	207.533	207.460	207.364	---	---	208.017	207.768	---	207.309	207.061	207.053	---	1972
1973	207.119	207.002	206.962	206.988	207.183	206.815	206.705	206.641	206.467	---	---	207.093	---	1973
1974	207.254	207.343	207.260	207.243	207.948	208.525	208.729	208.598	208.328	208.216	207.951	207.431	207.906	1974
1975	207.654	207.857	207.608	207.531	207.987	---	---	---	---	208.256	---	---	---	1975
1976	---	---	---	---	---	207.870	207.530	206.855	206.516	207.060	207.020	207.142	---	1976
1977	207.026	---	---	---	---	205.656	205.652	205.603	205.630	205.966	207.139	207.138	---	1977
1978	207.262	207.078	206.841	206.744	206.422	205.820	205.822	205.990	206.328	207.396	207.719	207.999	206.784	1978
1979	208.003	207.869	207.699	207.456	208.120	208.787	208.693	207.011	206.293	207.062	207.803	207.482	207.690	1979
1980	207.430	207.537	207.419	206.865	205.782	205.851	205.562	205.780	205.922	206.829	207.283	207.614	206.653	1980
1981	207.540	207.284	206.450	205.729	205.612	205.417	205.857	205.810	206.142	207.020	---	---	---	1981
1982	---	---	206.905	206.633	206.516	206.126	206.227	206.509	207.146	207.563	207.698	207.495	---	1982
1983	207.576	207.490	207.376	207.301	206.949	206.519	206.639	206.687	206.663	207.041	207.603	207.604	207.119	1983
1984	207.667	207.366	206.995	206.858	206.405	206.357	206.522	206.555	206.616	206.890	207.269	207.375	206.905	1984
1985	207.387	207.397	207.076	206.901	206.506	206.618	206.783	206.673	206.952	207.399	207.695	208.274	207.137	1985
1986	208.289	207.936	207.773	207.791	208.617	208.628	207.612	207.195	206.930	207.208	207.643	207.667	207.773	1986
1987	207.547	207.466	207.200	206.941	206.452	205.911	205.947	205.936	206.243	206.703	206.869	206.889	206.671	1987
1988	207.085	207.016	206.404	205.912	205.897	205.405	205.197	205.136	205.133	205.580	206.319	206.545	205.967	1988
1989	206.606	206.376	206.288	205.982	205.610	205.347	---	---	---	207.038	207.032	207.396	---	1989
1990	207.259	207.002	206.546	206.251	206.187	205.969	206.066	206.266	206.702	207.246	207.272	207.407	206.680	1990
MEAN	207.081	207.001	206.780	206.707	206.938	207.106	207.195	207.167	207.089	207.214	207.186	207.094	206.997	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

LOCATION - LAT 54 37 25 N DRAINAGE AREA, 997 000 km²
LONG 097 47 07 W REGULATED

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1918	---	---	---	1918
1919	---	207.011 ON MAY 27	---	1919
1920	---	207.319 ON JUL 11	---	1920
1921	---	207.365 ON JUL 19	205.963 ON FEB 26	1921
1922	---	207.657 ON JUL 30	206.176 ON MAR 29	1922
1923	---	207.392 ON OCT 11	206.158 ON APR 18	1923
1924	---	207.194 ON JUN 28	206.142 ON APR 11	1924
1925	---	207.529 ON AUG 22	206.066 ON MAR 31	1925
1926	---	207.148 ON JUN 09	206.447 ON APR 26	1926
1927	---	208.337 ON SEP 17	206.600 ON MAR 28	1927
1928	---	207.895 ON JAN 01	207.026 ON DEC 26	1928
1929	---	207.270 ON JUN 23	206.325 ON NOV 24	1929
1930	---	206.782 ON JUN 26	---	1930
1931	---	206.417 ON OCT 27	205.700 ON MAR 30	1931
1932	---	206.584 ON JUL 20	205.594 ON APR 07	1932
1933	---	---	---	1933
1950	---	---	---	1950
1951	---	208.026 ON JUL 08	207.124 ON APR 14	1951
1952	---	207.770 ON JUL 21	206.616 ON APR 05	1952
1953	---	207.928 ON SEP 03	---	1953
1954	---	208.352 ON OCT 05	---	1954
1955	---	208.416 ON JUL 08	---	1955
1956	---	208.142 ON JUL 24	207.060 ON APR 13	1956
1957	---	207.779 ON JUL 31	206.633 ON APR 19	1957
1958	---	207.099 ON SEP 15	206.441 ON APR 01	1958
1959	---	207.749 ON SEP 09	206.209 ON APR 05	1959
1960	---	207.938 ON JUN 15	206.551 ON DEC 12	1960
1961	---	206.956 ON JUN 07	---	1961
1962	---	207.279 ON OCT 11	205.621 ON APR 15	1962
1963	---	207.541 ON JUN 30	206.334 ON APR 10	1963
1964	---	207.215 ON AUG 05	206.234 ON APR 08	1964
1965	---	208.178 ON JUN 28	206.484 ON APR 08	1965
1966	208.303 AT 0840 CST ON JUN 06	208.852 ON JUL 12	---	1966
1967	207.636 AT 1600 CST ON SEP 21	208.285 ON JUN 06	206.910 ON DEC 12	1967
1968	208.175 AT 1042 CST ON SEP 05	207.618 ON SEP 21	206.630 ON APR 08	1968
1969	---	208.151 ON SEP 05	---	1969
1970	208.431 AT 2133 CST ON JUL 15	208.410 ON JUL 11	207.447 ON DEC 09	1970
1971	208.227 AT 0200 CST ON MAY 29	208.194 ON JUN 03	---	1971
1972	---	---	206.950 ON NOV 28	1972
1973	207.316 AT 2126 CST ON MAY 24	207.304 ON MAY 25	206.313 ON SEP 16	1973
1974	208.791 AT 0400 CST ON JUL 15	208.782 ON JUL 15	207.166 ON JAN 01	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	207.304 AT 0807 CST ON NOV 20	207.304 ON NOV 20	---	1977
1978	208.047	208.047 ON DEC 11	205.746 ON JUN 09	1978
1979	208.923 AT 1445 CST ON JUN 20	208.889 ON JUN 20	205.917 ON AUG 31	1979
1980	207.777 AT 1734 CST ON DEC 27	207.770 ON DEC 27	205.339 ON JUL 12	1980
1981	207.714 AT 0001 CST ON JAN 01	207.697 ON JAN 01	205.207 ON JUN 17	1981
1982	207.790 AT 1918 CST ON NOV 11	207.763 ON NOV 12	206.087 ON JUN 03	1982
1983	207.760 AT 2359 CST ON DEC 31	207.756 ON DEC 11	206.339 ON JUL 06	1983
1984	207.763 AT 1325 CST ON JAN 01	207.761 ON JAN 01	206.226 ON JUN 11	1984
1985	208.469 AT 2359 CST ON DEC 31	208.457 ON DEC 31	206.341 ON MAY 28	1985
1986	208.950 AT 1036 CST ON MAY 30	208.926 ON MAY 30	206.843 ON SEP 14	1986
1987	207.587 AT 1212 CST ON JAN 25	207.584 ON JAN 26	205.820 ON JUN 18	1987
1988	207.186 AT 0752 CST ON JAN 29	207.184 ON JAN 29	205.062 ON SEP 01	1988
1989	207.486 AT 1120 CST ON DEC 26	207.480 ON DEC 26	205.449 ON JUN 15	1989
1990	207.470 AT 1340 CST ON DEC 24	207.468 ON DEC 24	205.912 ON JUN 16	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CROSS LAKE BELOW JENPEG - STATION NO. 05UD008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	208.257	208.005	---	---	---	---	---	1972
MEAN	---	---	---	---	---	---	208.257	208.005	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 35 10 N
LONG 097 59 10 W

CROSS LAKE BELOW JENPEG - STATION NO. 05UD008

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CRYSTAL CITY RESERVOIR AT CRYSTAL CITY - STATION NO. 050B801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	451.705	451.564	451.682	451.585	451.332	450.790	---	---	---	1986
1987	---	---	---	---	451.687	451.664	451.526	451.518	451.554	451.502	---	---	---	1987
1988	---	---	---	---	451.585	451.924	451.528	450.816	450.597	---	---	---	---	1988
1989	---	---	---	---	451.527	451.358	451.135	450.650	450.668	450.557	---	---	---	1989
1990	---	---	---	451.777	451.477	451.353	451.168	450.843	450.580	450.401	---	---	---	1990
MEAN	---	---	---	451.777	451.598	451.473	451.328	451.082	450.946	450.813	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 08 39 N DRAINAGE AREA, 158 km²
LONG 098 57 20 W REGULATED SINCE 1962DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - PRIOR TO 1988 PUBLISHED AS "CRYSTAL CREEK ABOVE CRYSTAL CITY DAM"

CRYSTAL CITY RESERVOIR AT CRYSTAL CITY - STATION NO. 050B801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DAUPHIN LAKE AT OCHRE BEACH - STATION NO. 05LJ816

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	260.347	260.203	---	260.014	---	---	---	1929
1930	---	---	---	---	260.157	260.173	260.143	---	---	---	---	---	---	1930
1932	---	---	---	---	259.994	259.950	---	259.853	---	---	---	---	---	1932
1951	---	---	---	---	---	260.453	260.407	260.320	260.334	---	---	---	---	1951
1952	---	---	---	---	---	260.443	---	---	260.266	---	---	---	---	1952
1953	---	---	---	---	---	---	261.443	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1954
1956	---	---	260.266	---	---	260.990	261.148	---	260.789	260.643	260.544	260.489	---	1956
1957	260.440	260.360	260.313	---	260.875	260.742	260.619	---	260.393	260.351	---	260.295	---	1957
1958	---	260.298	260.308	---	---	---	---	---	260.109	260.074	---	260.081	---	1958
1959	---	260.128	260.132	260.209	260.369	260.369	260.410	---	---	---	---	260.324	---	1959
1960	260.338	260.347	260.351	---	260.823	260.882	260.703	260.571	260.398	---	260.225	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	260.228	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	260.309	260.383	---	---	---	1973
1974	---	---	---	---	---	---	261.474	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	260.399	260.380	260.382	260.405	260.382	260.374	260.406	260.408	260.434	260.444	260.384	260.365	260.397	1977
1978	260.335	260.290	260.235	260.356	260.511	260.418	260.349	260.216	260.431	260.248	260.229	260.250	260.306	1978
1979	260.274	260.275	260.319	260.501	261.459	261.556	261.258	260.582	260.760	260.615	---	260.489	---	1979
1980	260.426	260.377	260.328	260.383	260.400	260.284	260.237	260.238	260.270	260.256	260.257	260.248	260.308	1980
1981	260.215	---	260.189	---	260.274	260.376	260.375	260.359	260.265	260.286	260.271	---	---	1981
1982	260.265	260.226	260.208	260.307	260.478	260.416	260.352	---	260.257	260.265	---	---	---	1982
1983	---	---	---	---	---	260.989	261.007	260.793	260.594	260.464	---	---	---	1983
1984	---	---	---	---	260.420	260.408	260.358	---	---	---	---	---	---	1984
1985	---	---	---	---	---	260.476	260.420	260.433	260.441	260.424	---	---	---	1985
1986	---	---	---	---	261.176	261.150	260.924	260.748	260.556	260.485	---	---	---	1986
1987	---	---	---	---	---	260.415	260.345	---	260.242	260.230	---	---	---	1987
1988	---	---	---	---	260.689	260.608	260.438	260.324	260.242	260.219	---	---	---	1988
1989	---	---	---	---	260.264	260.306	260.270	260.189	260.180	---	---	---	---	1989
1990	---	---	---	---	260.886	260.956	260.821	260.617	260.505	260.429	---	---	---	1990
MEAN	260.337	260.298	260.276	260.360	260.572	260.564	260.606	260.408	260.379	260.343	260.318	260.319	260.337	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 51 06 45 N DRAINAGE AREA, 8 700 km²
LONG 099 44 20 W REGULATED SINCE 1931DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1929	---	---	---	1929
1930	---	---	---	1930
1932	---	---	---	1932
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	261.540 ON JUL 04	260.247 ON JAN 05	1953
1954	---	261.275 ON JUN 30	---	1954
1956	---	261.238 ON JUL 13	260.226 ON APR 11	1956
1957	---	260.921 ON MAY 12	260.257 ON OCT 04	1957
1958	---	---	259.980 ON OCT 12	1958
1959	---	260.577 ON SEP 14	260.098 ON JAN 01	1959
1960	---	261.125 ON JUN 02	260.058 ON NOV 27	1960
1961	---	260.186 ON MAY 14	259.506 ON NOV 18	1961
1962	---	260.290 ON MAY 31	259.665 ON JUL 25	1962
1963	---	260.375 ON MAY 19	259.254 ON FEB 25	1963
1964	---	260.403 ON MAY 18	---	1964
1965	---	260.674 ON NOV 06	259.955 ON JAN 10	1965
1966	---	261.284 ON JUN 02	260.342 ON NOV 05	1966
1967	---	261.113 ON MAY 18	260.314 ON SEP 27	1967
1968	---	260.793 ON MAY 17	260.427 ON JUN 27	1968
1969	---	261.012 ON JUL 04	260.321 ON OCT 23	1969
1970	---	261.174 ON MAY 28	260.345 ON JAN 02	1970
1971	---	260.775 ON JUN 18	260.287 ON APR 03	1971
1972	---	261.043 ON MAY 23	260.247 ON OCT 08	1972
1973	---	260.552 ON JUN 20	260.226 ON SEP 23	1973
1974	---	---	---	1974
1975	---	261.214 ON SEP 30	---	1975
1976	---	261.524 ON JUN 17	---	1976
1977	---	260.659 ON OCT 05	260.238 ON JUN 09	1977
1978	---	260.647 ON MAY 08	260.113 ON NOV 04	1978
1979	---	261.703 ON JUN 07	260.254 ON JAN 23	1979
1980	---	260.600 ON MAY 06	260.140 ON AUG 03	1980
1981	---	260.517 ON JUN 15	260.134 ON SEP 22	1981
1982	---	260.616 ON JUN 08	260.129 ON SEP 25	1982
1983	---	261.168 ON JUN 26	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	260.808 ON MAY 18	---	1988
1989	---	260.475 ON JUN 12	---	1989
1990	---	261.141 ON JUN 02	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	260.307	260.236	260.183	260.257	260.256	260.254	260.168	260.225	260.106	---	---	---	---	1949
1950	---	---	---	---	260.483	---	260.699	---	---	---	---	---	---	1950
1951	---	---	---	260.320	260.574	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	260.540	260.436	260.335	---	260.258	---	---	---	---	1952
1953	---	---	---	260.402	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	260.978	---	---	---	---	---	260.625	---	1954
1955	260.519	260.437	260.373	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	260.407	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	260.382	---	260.265	---	---	---	---	---	---	---	1958
1959	---	---	---	---	260.261	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	260.515	260.356	260.270	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	260.011	---	260.224	---	---	---	---	---	---	1963
1965	---	---	---	260.073	260.236	260.464	260.431	260.434	260.419	260.533	260.548	---	---	1965
1966	---	---	---	260.883	261.076	260.999	260.866	260.689	260.506	260.360	260.332	260.391	---	1966
1967	260.415	260.439	260.433	---	260.905	260.818	260.648	260.546	260.427	260.384	260.376	---	---	1967
1968	---	260.431	260.439	260.532	260.562	260.564	260.510	260.505	260.510	260.450	260.464	---	---	1968
1969	---	260.494	260.520	260.641	260.718	260.659	260.768	260.611	260.447	260.368	260.306	260.310	---	1969
1970	---	---	260.339	260.420	261.026	261.051	260.899	260.729	260.542	260.477	---	---	---	1970
1971	260.387	260.332	260.279	260.431	260.556	260.622	260.550	260.475	260.361	260.351	260.447	260.488	260.441	1971
1972	---	260.478	260.490	260.660	260.916	260.783	260.561	260.447	260.331	260.282	260.299	---	---	1972
1973	---	260.315	260.334	260.351	260.365	260.382	260.336	260.287	260.273	260.146	---	---	---	1973
1974	260.482	260.514	260.532	260.690	261.580	261.780	261.397	261.069	260.864	260.755	260.611	260.519	260.902	1974
1975	260.444	260.391	260.335	260.393	260.787	260.804	260.617	260.523	---	---	260.940	260.825	---	1975
1976	---	260.605	260.544	260.934	261.184	261.241	261.250	260.952	260.683	260.505	260.402	260.383	---	1976
1977	260.376	260.359	260.354	260.376	260.390	260.349	260.362	260.352	260.396	260.413	260.355	260.333	260.368	1977
1978	260.297	260.247	260.205	260.317	260.457	260.371	260.286	260.195	260.211	260.202	260.195	260.225	260.267	1978
1979	260.251	260.269	260.310	260.483	261.398	261.489	261.199	260.899	260.694	260.536	260.457	260.429	260.704	1979
1980	260.376	260.331	260.283	260.339	260.351	260.255	260.209	260.217	260.238	260.194	260.230	260.211	260.269	1980
1981	260.164	260.149	260.158	260.230	260.231	260.312	260.361	260.325	260.264	260.271	260.258	260.247	260.248	1981
1982	260.219	260.186	260.169	260.276	260.398	260.378	260.348	260.392	---	---	---	---	---	1982
1983	260.285	260.248	260.259	260.364	260.881	260.924	260.930	260.737	260.502	260.418	260.363	260.295	260.519	1983
1984	260.244	260.213	260.217	260.263	260.381	260.371	260.328	260.236	260.147	260.168	260.190	260.198	260.246	1984
1985	260.173	260.145	260.112	260.348	260.461	260.379	260.392	260.390	260.372	260.396	260.363	260.326	260.322	1985
1986	260.287	260.247	260.243	260.611	261.140	261.070	260.873	260.677	260.506	260.424	260.362	260.339	260.567	1986
1987	260.285	260.239	260.234	260.473	260.486	260.374	260.328	260.255	260.195	260.155	260.146	260.129	260.275	1987
1988	260.122	260.131	260.152	260.323	260.632	260.580	260.404	260.299	260.214	260.174	260.182	260.185	260.283	1988
1989	260.215	260.221	260.225	260.251	260.255	260.269	260.257	260.168	260.124	260.072	260.120	260.141	260.193	1989
1990	260.164	260.194	260.231	260.467	260.839	260.891	260.748	260.558	260.480	260.414	260.331	260.351	260.474	1990
MEAN	260.301	260.314	260.306	260.430	260.635	260.671	260.576	260.486	260.386	260.357	260.360	260.346	260.405	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 26 22 N DRAINAGE AREA, 8 700 km²
LONG 099 57 00 W REGULATED

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL				MAXIMUM DAILY WATER LEVEL				MINIMUM DAILY WATER LEVEL				YEAR
1949	---				260.476 ON JUN 07				---				1949
1950	---				260.799 ON JUN 22				---				1950
1951	---				260.686 ON MAY 28				---				1951
1952	---				260.610 ON MAY 26				259.842 ON OCT 03				1952
1953	---				---				---				1953
1954	---				261.436 ON JUN 27				260.317 ON APR 10				1954
1955	---				261.540 ON JUL 05				260.135 ON OCT 11				1955
1956	---				261.290 ON JUL 07				260.214 ON APR 14				1956
1957	---				260.939 ON MAY 19				260.129 ON SEP 15				1957
1958	---				260.634 ON MAY 12				259.748 ON SEP 29				1958
1959	---				260.839 ON AUG 01				259.842 ON OCT 10				1959
1960	---				---				259.909 ON OCT 30				1960
1961	---				260.287 ON JUN 20				259.196 ON SEP 29				1961
1962	---				260.104 ON JUN 12				259.434 ON NOV 03				1962
1963	---				---				259.696 ON JAN 01				1963
1965	---				260.732 ON NOV 04				259.812 ON MAY 25				1965
1966	261.229 AT 0320	CST	ON	MAY 21	261.150 ON MAY 21				260.125 ON OCT 31			1966	
1967	261.037 AT 0100	CST	ON	MAY 21	260.991 ON MAY 21				260.193 ON OCT 24			1967	
1968	260.833 AT 1309	CST	ON	JUN 20	260.686 ON MAY 06				260.257 ON MAY 15			1968	
1969	260.933 AT 1309	CST	ON	JUL 21	260.836 ON JUL 07				260.077 ON NOV 13			1969	
1970	261.299 AT 0325	CST	ON	JUN 25	261.140 ON MAY 23				260.229 ON OCT 06			1970	
1971	260.970 AT 0719	CST	ON	JUL 07	260.717 ON JUN 16				260.025 ON OCT 08			1971	
1972	261.119 AT 2327	CST	ON	MAY 14	260.961 ON MAY 14				259.918 ON OCT 16			1972	
1973	260.955 AT 1327	CST	ON	JUL 11	260.494 ON JUN 03				260.141 ON SEP 01			1973	
1974	262.043 AT 1733	CST	ON	JUN 04	261.942 ON JUN 05				260.455 ON NOV 13			1974	
1975	---				---				---				1975
1976	261.582 AT 0539	CST	ON	JUN 04	261.418 ON JUN 26				260.263 ON NOV 02			1976	
1977	260.784 AT 0856	CST	ON	NOV 12	260.534 ON NOV 12				260.113 ON JUN 30			1977	
1978	260.787 AT 1258	CST	ON	JUN 09	260.589 ON MAY 15				259.912 ON NOV 05			1978	
1979	261.777 AT 1404	CST	ON	JUN 05	261.643 ON JUN 05				260.198 ON NOV 01			1979	
1980	260.701 AT 2255	CST	ON	MAY 26	260.419 ON APR 29				259.769 ON OCT 10			1980	
1981	260.668 AT 1044	CST	ON	OCT 02	260.535 ON OCT 02				259.871 ON OCT 26			1981	
1982	260.641 AT 1427	CST	ON	JUN 06	260.476 ON JUN 05				---			1982	
1983	261.124 AT 0636	CST	ON	JUL 09	261.002 ON JUL 14				260.204 ON NOV 21			1983	
1984	260.778 AT 1337	CST	ON	OCT 16	260.505 ON MAY 15				259.753 ON APR 29			1984	
1985	260.749 AT 1945	CST	ON	OCT 16	260.572 ON MAY 03				260.003 ON SEP 27			1985	
1986	261.433 AT 0415	CST	ON	JUN 02	261.327 ON MAY 21				259.871 ON NOV 08			1986	
1987	260.808 AT 0241	CST	ON	MAY 15	260.616 ON APR 30				259.862 ON OCT 01			1987	
1988	261.055 AT 0927	CST	ON	AUG 21	260.845A ON MAY 24				260.012 ON OCT 27			1988	
1989	260.642 AT 1516	CST	ON	AUG 24	260.412 ON JUN 28				259.850 ON OCT 01			1989	
1990	261.172 AT 1616	CST	ON	JUN 01	260.995 ON JUN 04				260.148 ON JAN 02			1990	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DELORAIN RESERVOIR NEAR DELORAIN - STATION NO. 05NG014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	539.467	* 540.039	540.189	540.130	540.112	540.009	---	539.635	539.540	---	539.797	1964
1965	539.774	539.747	539.723	540.044	540.120	540.104	540.083	---	---	540.106	540.088	540.081	---	1965
1966	---	---	---	540.124	540.137	540.078	540.029	539.915	539.791	539.670	539.599	539.569	---	1966
1967	---	---	539.550	540.007	540.117	539.994	539.823	539.626	539.446	539.342	539.279	539.252	---	1967
1968	539.232	539.202	539.401	539.564	539.552	---	---	---	539.804	539.742	539.713	539.697	---	1968
1969	---	---	539.668	---	540.109	540.034	540.113	540.015	539.832	539.743	539.696	---	---	1969
1970	---	---	---	540.042	540.174	540.088	540.002	539.855	539.706	539.614	539.574	539.530	---	1970
1971	539.509	539.479	---	540.079	540.110	540.155	540.107	539.984	539.965	540.047	540.114	540.101	---	1971
1972	---	---	---	540.225	540.147	540.123	540.084	540.072	539.973	539.875	539.831	---	---	1972
1973	---	---	---	540.099	540.106	540.084	540.043	540.027	540.048	540.012	540.000	539.998	---	1973
1974	---	---	---	---	540.206	540.125	540.070	539.936	539.853	539.742	539.664	539.616	---	1974
1975	539.606	539.593	539.580	---	540.189	540.123	540.035	539.930	539.982	540.133	540.123	540.108	---	1975
1976	540.151	540.135	540.116	540.339	540.128	540.098	539.995	539.818	539.637	539.495	539.410	539.375	539.890	1976
1977	539.351	539.319	539.302	539.287	539.255	539.187	539.063	538.922	538.849	538.786	538.703	538.687	539.058	1977
1978	538.683	538.650	538.632	539.269	539.168	539.309	539.210	539.030	538.904	538.796	538.717	538.690	538.939	1978
1979	538.673	538.652	538.636	539.287	540.293	540.239	540.026	539.830	539.702	539.592	539.520	539.486	539.500	1979
1980	539.460	539.426	539.401	539.723	539.613	539.376	539.227	539.184	539.191	539.164	539.231	539.237	539.352	1980
1981	539.205	539.402	539.932	540.036	539.994	539.925	539.776	539.607	539.458	539.379	539.322	539.288	539.611	1981
1982	---	---	539.203	539.938	540.122	540.115	539.976	539.817	539.643	539.627	---	---	---	1982
1983	---	---	539.705	540.117	540.239	540.265	540.114	539.859	539.684	539.601	---	---	---	1983
1984	---	---	539.546	540.033	540.241	540.212	539.982	539.706	539.502	539.485	---	---	---	1984
1985	---	---	539.685	540.217	540.321	540.325	540.161	539.959	539.891	539.832	---	---	---	1985
1986	---	---	539.888	540.123	540.202	540.064	539.955	539.706	539.514	539.452	---	---	---	1986
1987	---	---	539.605	540.122	540.005	539.848	539.708	539.659	539.526	539.379	---	---	---	1987
1988	---	---	539.174	539.424	539.264	539.092	538.898	538.661	538.448	538.346	---	---	---	1988
1989	---	---	538.124	539.327	539.277	539.270	539.202	538.962	538.791	538.648	---	---	---	1989
1990	---	---	538.456	538.934	538.915	538.866	538.810	538.625	538.454	538.307	---	---	---	1990
MEAN	539.364	539.361	539.372	539.851	539.944	539.893	539.792	539.629	539.504	539.465	539.563	539.532	539.392	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ.)

LOCATION - LAT 49 08 50 N DRAINAGE AREA, 76.7 km²
LONG 100 24 40 W REGULATED

DELORAIN RESERVOIR NEAR DELORAIN - STATION NO. 05NG014

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	540.313 AT 0700 CST ON MAY 07	540.310 ON MAY 09	---	1964
1965	540.285 AT 0300 CST ON APR 14	540.261 ON APR 13	539.706 ON APR 01	1965
1966	540.191 AT 0900 CST ON APR 02	540.188 ON APR 03	---	1966
1967	540.179 AT 0415 CST ON APR 29	540.167 ON APR 29	539.243 ON DEC 14	1967
1968	---	---	---	1968
1969	---	540.447 ON APR 14	---	1969
1970	540.360 AT 1330 CST ON APR 29	540.365 ON APR 29	---	1970
1971	540.337 AT 0823 CST ON APR 08	540.322 ON APR 08	---	1971
1972	540.319 AT 0730 CST ON APR 18	540.316 ON APR 17	---	1972
1973	540.170 AT 1733 CST ON JUN 19	540.154 ON JUN 19	---	1973
1974	540.477 AT 1020 CST ON APR 21	540.453 ON APR 21	539.603 ON DEC 15	1974
1975	540.602 AT 1700 CST ON APR 28 *	540.541 ON APR 28 *	539.572 ON MAR 12	1975
1976	540.532 AT 0749 CST ON APR 09	540.523 ON APR 09	539.365 ON DEC 28	1976
1977	539.368 AT 0001 CST ON JAN 01	539.365 ON JAN 01	538.673 ON DEC 13	1977
1978	539.389 AT 0429 CST ON MAY 26	539.386 ON MAY 26	538.618 ON MAR 24	1978
1979	540.419 AT 0648 CST ON MAY 18	540.417 ON MAY 18	538.625 ON APR 08	1979
1980	539.774 AT 2339 CST ON APR 19	539.772 ON APR 19	539.136 ON OCT 15	1980
1981	540.071 AT 0417 CST ON APR 06	540.063 ON APR 05	539.182 ON FEB 15	1981
1982	540.326 AT 0707 CST ON APR 13	540.296 ON APR 13	---	1982
1983	540.476 AT 0015 CST ON APR 15	540.462 ON APR 15	539.501 ON MAR 02	1983
1984	540.333 AT 0710 CST ON MAY 19	540.332 ON MAY 19	---	1984
1985	540.442 AT 0657 CST ON JUN 25	540.426 ON JUN 25	---	1985
1986	540.437 AT 0520 CST ON MAY 07	540.434 ON MAY 07	539.405A ON NOV 04	1986
1987	540.230 AT 0009 CST ON APR 11	540.228 ON APR 10	539.328A ON NOV 02	1987
1988	539.295 AT 1320 CST ON MAY 17	539.292 ON APR 09	---	1988
1989	539.452 AT 0544 CST ON APR 26	539.451 ON APR 26	538.149 ON MAR 24 *	1989
1990	538.964 AT 1245 CST ON APR 18	538.961 ON APR 18	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DENNIS LAKE NEAR MALONTON - STATION NO. 05SB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	266.748	266.707	---	266.428	---	---	---	---	1983
1984	---	---	---	---	266.458	266.444	266.368	266.246	266.160	266.207	---	---	---	1984
1985	---	---	---	266.285	---	---	266.137	266.081	---	266.126	---	---	---	1985
1986	---	---	---	---	266.416	266.368	266.316	266.239	266.152	---	---	---	---	1986
1987	---	---	---	---	266.439	266.064	266.027	266.111	266.990	---	---	---	---	1987
1988	---	---	---	---	266.117	---	---	---	266.543	---	---	---	---	1988
1989	---	---	---	---	265.513	265.629	265.650	---	---	---	---	---	---	1989
1990	---	---	---	---	265.545	265.544	265.540	265.428	265.306	---	---	---	---	1990
MEAN	---	---	---	266.285	266.047	266.133	266.106	266.021	265.930	266.167	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 34 44 N
LONG 097 21 24 WDRAINAGE AREA, 287 km²
NATURAL FLOWDATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVELS FOR THE PERIOD 1965-82 CAN BE OBTAINED FROM THE PROVINCE OF MANITOBA, WATER RESOURCES BRANCH

DENNIS LAKE NEAR MALONTON - STATION NO. 05SB001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	266.368 ON APR 20 *	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	265.587 ON MAY 22	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DOG LAKE NEAR VOGAR - STATION NO. 05LN005

25

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	248.042	247.975	247.885	247.776	247.760	247.735	---	---	---	1977
1978	---	---	---	---	247.800	247.782	247.789	247.782	247.608	247.570	---	---	---	1978
1979	---	---	---	---	248.172R	248.235	248.097	247.923	247.808	247.744	---	---	---	1979
1980	---	---	---	247.753	247.688	247.557	247.509	247.573	247.810	247.779	---	---	---	1980
1981	---	---	---	247.804	247.730	247.696	247.681	247.650	247.608	247.635	---	---	---	1981
1982	---	---	---	---	---	247.769	247.689	247.630	247.555	247.534	---	---	---	1982
1983	---	---	---	247.578	247.691	247.700	247.690	247.570	247.458	247.466	---	---	---	1983
1984	---	---	---	---	---	247.549	247.569	247.464	247.394	247.421	---	---	---	1984
1985	---	---	---	---	247.575	---	---	247.495	247.504	247.529	---	---	---	1985
1986	---	---	---	247.756	248.113	248.066	247.963	247.854	247.746	247.705	---	---	---	1986
1987	---	---	---	---	247.771	247.653	247.587	247.534	247.493	247.459	---	---	---	1987
1988	---	---	---	---	---	247.465	247.348	247.199	247.119	247.090	---	---	---	1988
1989	---	---	---	---	247.123	247.115	247.033	---	---	---	---	---	---	1989
1990	---	---	---	---	247.123	247.056	246.978	246.896	246.840	---	---	---	---	1990
MEAN	---	---	---	247.723	247.712	247.663	247.599	247.554	247.516	247.556	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1960 ADJ.)

LOCATION - LAT 51 02 30 N DRAINAGE AREA, 939 km²
LONG 098 36 31 W NATURAL FLOW

R - REVISED SINCE JAN 01 1988

DOG LAKE NEAR VOGAR - STATION NO. 05LN005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	248.283 ON MAY 23 *	---	1979
1980	---	247.821 ON SEP 17	247.457 ON AUG 02	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	247.815 AT 0448 CST ON JUN 25	247.742 ON JUL 02	---	1983
1984	247.679 AT 1904 CST ON JUN 29	247.659 ON JUN 29	---	1984
1985	247.697 AT 2110 CST ON MAY 03	247.643 ON MAY 03	---	1985
1986	248.330 AT 1325 CST ON SEP 28 *	248.178A ON MAY 19	---	1986
1987	247.953 AT 0241 CST ON APR 25	247.903 ON APR 24	247.411 ON OCT 04	1987
1988	247.734 AT 2356 CST ON MAY 06	247.603 ON MAY 17	247.025 ON SEP 08	1988
1989	247.299 AT 1809 CST ON JUN 12	247.208 ON APR 07	246.768A ON AUG 29 *	1989
1990	247.210 AT 2032 CST ON MAY 21	247.157 ON MAY 24	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1960 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAGER LAKE NEAR TOD LAKE - STATION NO. 06EB007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	---	---	---	---	33.004	32.905	---	1986
1987	32.803	32.724	32.645	32.573	32.801	33.018	33.054	33.032	---	32.815	32.665	---	---	1987
1988	---	---	---	32.259	32.404	32.539	32.625	32.546	32.538	32.528	32.504	32.493	---	1988
1989	32.430	32.390	32.335	32.282	32.538	32.948	33.167	33.080	32.963	32.796	32.679	---	---	1989
1990	---	---	---	32.318	32.378	32.500	---	32.494	---	---	---	---	---	1990
MEAN	32.617	32.557	32.490	32.358	32.530	32.751	32.949	32.788	32.750	32.713	32.713	32.699	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 56 32 20 N DRAINAGE AREA, 1 500 km²
LONG 101 33 20 W REGULATED

EAGER LAKE NEAR TOD LAKE - STATION NO. 06EB007

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	33.118 AT 1215 CST ON AUG 13	33.076 ON JUL 04	---	1987
1988	32.703 AT 1652 CST ON JUL 23	32.659 ON JUL 23	32.232 ON APR 29 *	1988
1989	33.291 AT 1327 CST ON JUL 23 *	33.206 ON JUL 23 *	32.248 ON APR 21	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ELGIN RESERVOIR NEAR ELGIN - STATION NO. 05NG803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	466.831	466.777	466.704	466.577	466.536	---	---	---	1986
1987	---	---	---	---	---	466.754	466.648	466.814	466.867	---	---	---	---	1987
1988	---	---	---	---	466.931	466.797	466.712	466.541	466.386	466.319	---	---	---	1988
1989	---	---	---	---	466.937	466.848	466.723	466.540	466.411	466.312	---	---	---	1989
1990	---	---	---	---	466.963	466.916	466.947	466.826	466.608	466.581	---	---	---	1990
MEAN	---	---	---	---	466.944	466.829	466.761	466.685	466.586	466.437	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 26 30 N DRAINAGE AREA, 879 km²
LONG 100 14 13 W REGULATED SINCE 1966DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVELS FOR THE PERIOD 1968-82 CAN BE OBTAINED FROM MANITOBA WATER RESOURCES BRANCH

ELGIN RESERVOIR NEAR ELGIN - STATION NO. 05NG803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FALCON LAKE NEAR FALCON LAKE - STATION NO. 05PD801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	324.817	325.011	---	---	---	---	---	1962
1964	---	---	---	---	324.670	---	324.667	---	324.555	---	---	---	---	1964
1965	---	---	---	---	---	324.838	---	---	324.655	324.691	---	---	---	1965
1966	---	---	---	---	---	324.806	---	---	324.629	---	---	---	---	1966
1967	---	---	---	---	324.789	324.714	324.723	---	---	324.516	---	---	---	1967
1968	---	---	---	---	324.781	324.800	324.750	324.683	324.657	324.642	---	---	---	1968
1969	---	---	---	---	324.792	324.740	324.749	324.723	324.663	324.612	---	---	---	1969
1970	---	---	---	---	325.014	325.014	324.822	324.688	324.661	324.633	---	---	---	1970
1971	---	---	---	---	324.812	324.740	324.669	324.629	324.597	324.556	---	---	---	1971
1972	---	---	---	---	324.794	324.702	324.606	324.554	324.526	324.482	---	---	---	1972
1979	---	---	---	---	---	324.750	324.660	324.587	---	---	---	---	---	1979
1985	---	---	---	---	324.950	324.903	324.882	324.873	324.896	---	---	---	---	1985
1986	---	---	---	---	325.016	324.846	324.824	324.817	324.753	---	---	---	---	1986
1987	---	---	---	---	324.862	324.825	324.828	324.840	324.752	---	---	---	---	1987
1988	---	---	---	---	324.744	324.731	324.837	324.805	324.701	324.642	324.613	---	---	1988
1989	---	---	---	---	324.852	324.982	325.033	325.044	324.946	324.742	---	---	---	1989
1990	---	---	---	---	---	325.034	325.037	324.878	324.773	324.688	---	---	---	1990
MEAN	---	---	---	---	324.837	324.828	324.794	324.779	324.697	324.620	324.613	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

LOCATION - LAT 49 40 45 N DRAINAGE AREA, 113 km²
LONG 095 18 45 W REGULATED SINCE 1963DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

FALCON LAKE NEAR FALCON LAKE - STATION NO. 05PD801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1964	327.364 AT 1830 CST ON JUN 18	324.723 ON JUN 27	---	1964
1965	327.581 AT 0000 CST ON JUL 06	325.022 ON JUL 05	---	1965
1966	327.489 AT 1400 CST ON MAY 24	324.927 ON MAY 23	---	1966
1967	327.404 AT 1500 CST ON MAY 09	324.845 ON MAY 09	---	1967
1968	327.413 AT 1900 CST ON JUN 13	324.836 ON JUN 12	---	1968
1969	---	324.821 ON MAY 04	---	1969
1970	327.642 AT 0100 CST ON JUN 01 *	325.077 ON JUN 01	---	1970
1971	327.407 AT 2219 CST ON MAY 03	324.842 ON MAY 02	---	1971
1972	327.392 AT 2113 CST ON MAY 19	324.808 ON MAY 06	---	1972
1979	---	---	---	1979
1985	---	324.982 ON MAY 14	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	324.887 ON JUL 12	---	1988
1989	---	325.116 ON AUG 21 *	---	1989
1990	---	325.111 ON JUN 22	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	299.287	299.651	300.291	---	300.093	---	299.602	299.531	299.548	---	1916
1917	---	---	---	299.206	299.223	299.280	299.552	300.004	---	---	---	---	---	1917
1918	---	---	---	---	---	---	---	300.532	300.376	---	---	---	---	1918
1919	---	---	---	---	---	---	---	---	---	299.615	---	---	---	1919
1920	299.585	299.488	299.348	299.281	299.644	300.398	300.480	300.023	299.639	299.435	299.369	299.405	299.676	1920
1921	299.411	299.366	299.305	299.279	299.653	300.509	300.475	300.096	299.826	299.821	300.154	300.036	299.830	1921
1922	299.797	299.628	299.464	299.444	300.049	300.481	300.237	300.107	299.972	299.679	299.493	299.410	299.815	1922
1923	299.414	---	299.306	---	---	---	---	---	---	---	---	---	---	1923
1957	---	---	---	---	---	---	304.930	304.647	304.321	304.053	303.897	303.826	---	1957
1958	---	303.837	303.815	303.845	304.006	304.337	304.516	304.535	304.467	304.296	304.320	304.422	---	1958
1959	304.357	304.226	304.032	---	---	305.675	305.259	304.793	---	---	---	---	---	1959
1960	---	---	303.983	303.958	---	304.831	304.798	304.469	304.315	304.325	304.267	304.156	---	1960
1961	304.117	304.061	303.986	303.977	304.154	304.487	304.400	304.149	303.917	---	303.778	303.873	---	1961
1962	304.001	303.975	303.901	---	303.882	304.640	304.844	304.535	304.367	304.493	304.479	304.447	---	1962
1963	304.364	304.219	304.060	304.054	304.614	305.112	305.044	304.654	304.334	304.047	303.931	303.890	304.362	1963
1964	303.878	303.866	303.844	303.840	304.370	305.021	304.794	304.472	304.298	304.183	304.265	304.325	304.264	1964
1965	304.306	304.229	304.010	304.031	304.252	304.847	305.026	304.714	304.562	---	304.599	---	---	1965
1966	304.318	304.181	304.073	304.068	---	---	305.278	304.984	304.247	---	304.077	304.106	---	1966
1967	304.124	304.090	303.981	304.028	304.348	305.182	305.150	304.649	304.274	---	303.924	---	---	1967
1968	---	---	---	303.842	---	304.703	305.250	305.126	305.079	305.075	305.026	304.864	---	1968
1969	304.602	304.384	304.209	304.193	304.509	304.957	305.035	305.075	305.260	305.631	305.367	304.896	304.846	1969
1970	304.570	304.340	304.155	303.998	304.108	304.478	304.786	304.592	304.401	304.275	304.402	304.736	304.405	1970
1971	304.597	304.354	304.158	304.169	304.898	305.075	304.722	304.641	304.602	304.386	304.215	304.220	304.504	1971
1972	304.248	304.177	304.080	304.054	304.626	305.094	304.749	304.429	304.246	304.170	---	304.298	---	1972
1973	304.202	304.071	303.993	---	---	304.735	304.689	304.476	304.327	304.368	304.661	304.717	---	1973
1974	304.487	304.295	304.179	304.109	304.708	305.420	305.127	304.661	304.599	304.848	304.674	304.450	304.632	1974
1975	304.284	304.165	304.070	304.041	304.318	304.946	305.057	304.853	304.780	304.672	304.420	304.243	304.489	1975
1976	304.139	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	304.974	304.788	304.523	---	1977
1978	304.314	304.180	304.060	304.037	304.229	304.692	304.949	305.100	305.034	304.971	304.726	304.532	304.572	1978
1979	304.343	304.193	304.104	304.120	304.736	305.510	305.032	304.579	304.462	304.416	304.454	304.467	304.536	1979
1980	304.368	304.241	304.125	304.079	304.286	---	---	---	---	304.102	304.119	304.183	---	1980
1981	304.140	304.033	303.940	303.948	304.041	304.294	---	---	---	304.242	304.194	304.559	---	1981
1982	304.405	---	---	304.108	304.547	305.253	305.139	304.765	304.504	---	304.141	304.119	---	1982
1983	304.129	304.035	303.931	303.883	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	303.958	304.243	304.734	304.837	304.587	304.297	304.171	304.251	304.422	---	1984
1985	304.379	304.237	304.111	304.093	304.504	304.918	305.096	305.114	304.965	304.806	304.646	304.533	304.620	1985
1986	304.379	---	---	---	---	---	304.748	---	---	---	---	---	---	1986
1987	---	---	---	304.189	304.669	304.800	304.493	304.309	---	---	---	---	---	1987
1988	---	303.707	303.708	303.812	304.024	304.250	304.345	304.087	303.922	303.826	303.775	303.823	---	1988
1989	303.906	303.919	303.869	303.817	303.875	304.275	304.680	304.590	304.404	304.228	304.125	304.057	304.147	1989
1990	304.016	303.990	303.968	304.031	304.751	305.317	305.011	304.599	304.264	304.024	303.899	303.885	304.315	1990
MEAN	303.639	303.625	303.261	303.272	303.549	304.142	304.319	303.853	303.879	303.612	303.755	303.709	303.534	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 02 30 N DRAINAGE AREA, 17 600 km²
LONG 095 27 30 W NATURAL FLOW

FAMILY LAKE AT LITTLE GRAND RAPIDS - STATION NO. 05RD006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1916	---	300.417 ON JUN 24	299.228 ON APR 13	1916
1917	---	---	299.179 ON APR 25 *	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	300.588 ON JUL 06	299.247 ON APR 13	1920
1921	---	300.661 ON JUN 21	299.247 ON APR 17	1921
1922	---	300.508 ON JUN 17	299.384 ON APR 16	1922
1923	---	---	---	1923
1957	---	---	---	1957
1958	---	304.550 ON AUG 11	---	1958
1959	---	305.812 ON JUN 09 *	---	1959
1960	---	304.958 ON JUN 23	303.913 ON APR 19	1960
1961	---	304.535 ON JUN 16	303.773 ON NOV 05	1961
1962	---	304.943 ON JUN 29	---	1962
1963	---	305.224 ON JUN 25	303.889 ON DEC 09	1963
1964	---	305.071 ON JUN 11	303.840 ON MAR 19	1964
1965	---	305.193 ON JUL 01	303.959 ON MAR 20	1965
1966	---	---	303.983 ON APR 19	1966
1967	---	305.513 ON JUN 23	---	1967
1968	---	305.294 ON JUL 21	---	1968
1969	---	305.690 ON OCT 19	304.120 ON APR 10	1969
1970	---	304.827 ON JUL 12	303.956 ON APR 21	1970
1971	---	305.236 ON MAY 30	304.059 ON APR 04	1971
1972	---	305.147 ON JUN 06	303.989 ON APR 15	1972
1973	---	304.815 ON JUN 23	303.962 ON APR 03	1973
1974	---	305.528 ON JUN 18	304.062 ON APR 18	1974
1975	---	305.144 ON JUL 04	304.014 ON APR 12	1975
1976	---	---	---	1976
1977	305.016 AT 1632 CST ON OCT 16	305.001 ON OCT 16	---	1977
1978	305.178 AT 1645 CST ON AUG 04	305.157 ON AUG 04	304.017 ON APR 19	1978
1979	305.634 AT 1030 CST ON JUN 13 *	305.618 ON JUN 14	304.053 ON APR 12	1979
1980	---	---	304.036 ON APR 15	1980
1981	---	---	303.912 ON MAR 23	1981
1982	305.365 AT 0029 CST ON JUN 25	305.354 ON JUN 25	304.051 ON APR 05	1982
1983	---	---	---	1983
1984	304.883 AT 1719 CST ON JUN 30	304.876 ON JUN 30	303.889 ON APR 02	1984
1985	305.243 AT 1239 CST ON JUL 27	305.234 ON AUG 02	304.011 ON APR 14	1985
1986	---	---	---	1986
1987	304.911 AT 1200 CST ON JUN 02	304.900 ON JUN 02	---	1987
1988	304.418 AT 1835 CST ON JUL 07	304.408 ON JUL 07	303.693 ON MAR 20	1988
1989	304.705 AT 1825 CST ON JUL 17	304.700 ON JUL 17	303.802 ON APR 20	1989
1990	305.395 AT 1329 CST ON JUN 13	305.381 ON JUN 12	303.875 ON DEC 03	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FISH LAKE AT OUTLET CONTROL STRUCTURE - STATION NO. 05SB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1976	---	---	---	260.101	260.160	260.224	260.220	260.080	260.140	260.189	---	---	---	1976
1977	---	---	---	---	260.868	260.741	260.597	260.395	260.154	259.906	---	---	---	1977
1978	---	---	---	---	260.914	260.845	260.580	260.323	260.159	259.957	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	260.289	260.056	259.904	259.819	259.909	259.944	---	---	---	1980
1981	---	---	---	---	---	---	---	---	259.789	---	---	---	---	1981
1982	---	---	---	---	---	260.480	260.448	260.409	---	---	---	---	---	1982
1983	---	---	---	---	---	260.227	260.105	259.813	259.717	259.699	---	---	---	1983
1984	---	---	---	259.769	259.832	259.864	259.888	259.820	259.738	259.760	---	---	---	1984
1985	---	---	---	259.952	260.007	259.934	259.867	259.854	259.856	259.876	---	---	---	1985
1986	---	---	---	260.543	260.773	260.502	260.242	259.905	259.547	259.440	---	---	---	1986
1987	---	---	---	260.571	260.114	259.797	259.577	---	---	---	---	---	---	1987
1988	---	---	259.480	259.728	259.561	259.501	259.414	259.239	259.138	259.098	---	---	---	1988
1989	---	---	259.036	259.164	259.170	259.464	259.723	259.612	259.548	259.511	---	---	---	1989
1990	---	---	259.542	259.640	259.652	259.659	259.630	259.506	259.403	259.355	---	---	---	1990
MEAN	---	---	259.353	259.896	260.122	260.100	260.015	259.898	259.759	259.703	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

LOCATION - LAT 50 44 46 N DRAINAGE AREA 152 km²
LONG 097 19 06 W REGULATED SINCE 1965

REMARKS - PUBLISHED AS "CHAFFIELD LAKE" PRIOR TO 1979; FROM 1979-83 PUBLISHED AS "NEAR MELEB"

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1974	---	261.332 ON MAY 24 *	---	1974
1976	---	261.140 ON APR 23	260.061 ON OCT 06	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	260.954 ON MAY 18	---	1979
1980	---	260.402 ON APR 25	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	259.915 AT 1552 CST ON JUL 09	259.908 ON JUL 03	---	1984
1985	260.047 AT 2314 CST ON MAY 04	260.041 ON MAY 05	---	1985
1986	260.869 AT 1526 CST ON MAY 12 *	260.837 ON MAY 12	---	1986
1987	260.313 AT 1229 CST ON APR 14	260.306 ON APR 14	---	1987
1988	259.816 AT 1546 CST ON APR 25	259.811 ON APR 25	259.074 ON OCT 26 *	1988
1989	259.792 AT 1634 CST ON JUN 30	259.789 ON JUN 30	259.030 ON MAR 24 *	1989
1990	259.684 AT 1415 CST ON JUN 12	259.680 ON JUN 12	259.337A ON OCT 31	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FOOTPRINT LAKE AT NELSON HOUSE - STATION NO. 05TF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1971	---	---	---	---	---	---	239.418	---	---	239.412	239.558	239.001	---	1971
1972	238.534	238.201	237.935	237.810	239.494	239.658	---	239.094	238.676	238.644	238.560	238.265	---	1972
1973	238.011	237.818	237.711	237.598	238.656	239.176	238.924	238.498	238.188	238.057	238.122	---	---	1973
1974	---	237.770	237.595	237.587	238.911	238.774	238.375	237.817	237.579	237.410	237.321	237.232	---	1974
1975	237.149	237.118	237.051	237.122	238.198	238.690	238.477	238.222	237.911	238.026	---	---	---	1975
1976	---	238.223	238.226	238.180	238.208	238.685	239.394	239.030	239.329	240.205	---	---	---	1976
1977	240.715	240.605	240.500	240.663	241.034	241.045	241.376	241.894	---	---	---	243.293	---	1977
1978	243.400	243.447	243.224	243.993	241.934	243.102	243.267	242.956	242.988	243.363	243.336	---	---	1978
1979	---	---	---	243.218	242.692	242.973	242.439	242.841	242.744	243.178	243.255	---	---	1979
1980	---	---	243.593	243.468	242.763	242.993	243.102	243.126	243.240	243.226	---	---	---	1980
1981	---	---	---	---	243.270	---	---	---	242.991	242.035	242.037	---	---	1981
1982	---	---	---	---	---	241.787	242.519	243.124	243.507	243.502	243.492	243.636	---	1982
1983	243.698	242.576	242.100	242.055	242.408	243.257	243.203	243.191	243.427	243.489	243.436	242.980	---	1983
1984	243.617	243.650	243.539	243.640	243.541	243.708	243.654	243.226	242.657	243.027	243.389	243.463	243.425	1984
1985	---	---	---	---	243.238	243.521	243.430	243.586	243.166	243.128	243.358	243.575	---	1985
1986	243.556	242.838	242.644	242.642	242.873	243.324	---	---	243.259	243.617	243.533	243.512	---	1986
1987	243.243	243.628	243.439	242.829	243.001	243.275	243.441	242.963	---	---	---	243.433	---	1987
1988	242.810	242.871	242.875	242.621	242.764	242.608	242.918	243.273	243.103	242.918	242.669	---	---	1988
1989	---	---	---	---	242.593	243.012	---	---	---	---	243.069	---	---	1989
1990	---	243.686	---	---	242.895	243.489	242.668	242.771	242.100	242.164	242.484	---	---	1990
MEAN	241.688	241.149	240.802	240.820	241.514	241.746	241.727	241.548	241.550	241.513	241.861	241.956	243.202	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 55 48 00 N DRAINAGE AREA, 1 440 km²
LONG 098 51 00 W REGULATED SINCE 1976

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL		MAXIMUM DAILY WATER LEVEL		MINIMUM DAILY WATER LEVEL		YEAR
1961	---	---	238.994 ON JUN 04	---	---	---	1961
1963	---	---	240.295 ON MAY 31	---	---	---	1963
1964	---	---	239.899 ON SEP 21	---	---	---	1964
1967	---	---	240.030 ON JUN 13	---	237.357 ON MAY 05	---	1967
1968	---	---	239.981 ON MAY 22	---	---	---	1968
1971	---	---	239.804 ON OCT 25	---	---	---	1971
1972	239.804 AT 1703 CST ON MAY 30	---	239.795 ON JUN 23	---	237.738 ON APR 23	---	1972
1973	239.244 AT 1954 CST ON JUN 07	---	239.634 ON JUN 07	---	237.581 ON APR 20	---	1973
1974	239.061 AT 1600 CST ON MAY 18	---	239.056 ON MAY 18	---	237.198 ON DEC 24 *	---	1974
1975	238.722 AT 1830 CST ON JUN 29	---	238.707 ON JUN 04	---	---	---	1975
1976	240.749 AT 1445 CST ON DEC 30	---	240.737 ON DEC 30	---	---	---	1976
1977	---	---	---	---	240.432 ON APR 05	---	1977
1978	243.517 AT 1720 CST ON FEB 12	---	243.499 ON JAN 23	---	241.499 ON MAY 01	---	1978
1979	---	---	---	---	242.124 ON JUL 30	---	1979
1980	---	---	---	---	242.491 ON MAY 24	---	1980
1981	---	---	---	---	241.973 ON NOV 04	---	1981
1982	243.743 AT 1920 CST ON DEC 31	---	243.736 ON DEC 31	---	---	---	1982
1983	243.866 AT 1600 CST ON JAN 09 *	---	243.857 ON JAN 09 *	---	242.027 ON APR 17	---	1983
1984	243.770 AT 1644 CST ON APR 24	---	243.763 ON APR 24	---	242.531A ON SEP 07	---	1984
1985	---	---	---	---	242.725 ON APR 20	---	1985
1986	243.755	---	243.754 ON JAN 10	---	---	---	1986
1987	243.690 AT 2030 CST ON FEB 21	---	243.689 ON FEB 21	---	---	---	1987
1988	243.749 AT 1540 CST ON FEB 12	---	243.746 ON FEB 12	---	---	---	1988
1989	---	---	---	---	---	---	1989
1990	243.755 AT 1203 CST ON FEB 12	---	243.755 ON FEB 12	---	242.069 ON OCT 02	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GODS LAKE AT GODS LAKE MINE - STATION NO. 04AC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	181.658	181.501	181.406	181.418	181.472	181.394	181.209	181.141	---	---	---	---	1935
1936	---	---	---	---	181.177	181.484	181.811	181.887	181.830	181.671	181.553	181.462	---	1936
1937	181.378	181.269	181.167	181.055	181.299	181.819	182.278	182.325	182.172	182.045	181.953	181.870	181.723	1937
1938	181.791	181.741	---	---	---	181.817	182.089	182.198	182.078	181.867	181.584	181.388	---	1938
1939	181.252	181.133	181.017	180.857	180.895	181.210	181.700	181.932	181.888	181.686	181.557	181.530	181.390	1939
1940	181.478	181.377	181.269	181.165	181.181	181.468	181.529	181.489	181.347	181.169	181.025	180.976	181.289	1940
1941	180.919	180.885	180.852	---	---	181.633	181.794	181.814	181.652	181.534	181.387	181.363	---	1941
1942	181.342	181.328	181.312	181.242	181.120	181.259	181.430	181.549	181.781	181.914	181.891	181.810	181.499	1942
1943	181.701	181.644	181.545	181.448	181.514	181.655	181.761	181.734	181.683	181.645	181.623	181.589	181.628	1943
1944	181.528	181.416	181.280	181.156	181.123	181.048	181.085	181.152	181.150	181.108	181.120	---	---	1944
1947	---	---	---	---	---	---	---	---	---	182.390	182.248	182.105	---	1947
1948	181.932	181.773	181.586	181.476	181.391	181.267	181.234	181.161	180.950	180.788	---	180.611	---	1948
1949	180.580	180.555	180.532	180.514	180.582	---	---	---	---	---	182.064	182.347	---	1949
1950	182.276	182.054	181.839	---	181.704	---	---	---	---	---	181.880	181.820	---	1950
1951	181.738	181.625	181.507	181.400	181.519	181.675	181.788	181.844	---	182.161	182.215	182.139	---	1951
1952	181.943	181.738	181.575	181.434	181.479	181.733	182.129	182.510	182.713	182.664	182.514	182.434	182.074	1952
1953	182.223	181.995	181.786	181.637	181.609	181.635	182.131	182.314	182.221	181.940	181.808	181.745	181.921	1953
1954	181.639	181.531	181.431	181.335	181.286	---	181.572	181.631	181.537	181.409	181.326	181.287	---	1954
1955	181.293	---	181.201	181.194	181.435	181.794	182.167	182.502	182.427	182.276	182.167	181.996	---	1955
1956	181.802	181.664	181.567	181.498	181.471	181.573	181.696	181.675	181.542	181.392	181.301	181.222	181.533	1956
1957	181.154	181.097	181.053	181.030	181.113	181.201	181.540	181.665	181.592	181.463	181.342	181.207	181.296	1957
1958	---	181.113	181.046	181.009	181.030	181.133	181.354	181.629R	181.625	181.610	181.599	---	---	1958
1959	---	181.445	181.381	181.357	181.545	182.209R	182.783	182.806	182.595	182.510	182.403	182.235	---	1959
1960	182.052	181.918	181.763	181.648	181.572	181.654	181.736	181.684	181.550	181.410	181.281	181.235	181.625	1960
1961	181.184	---	---	180.780	180.889	180.936	180.935	180.882	180.823	180.782	180.785	180.799	---	1961
1962	180.814	---	---	180.757	---	181.001	181.171	181.211	181.283	---	---	181.278	---	1962
1963	181.265	181.245	181.207	181.182	181.275	181.629	181.914	181.900	181.762	181.633	181.535R	181.534	181.509R	1963
1964	---	---	---	---	---	---	181.597	181.625	---	---	---	---	---	1964
MEAN	181.513	181.463	181.337	181.208	181.288	181.495	181.706	181.773	181.710	181.699	181.673	181.583	181.590	MEAN

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 54 40 15 N
LONG 094 08 50 W NATURAL FLOW

R - REVISED SINCE JAN 01 1988

GODS LAKE AT GODS LAKE MINE - STATION NO. 04AC004

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1935	---	---	---	1935
1936	---	181.908 ON AUG 02	---	1936
1937	---	182.350 ON JUL 28	181.024 ON APR 23	1937
1938	---	182.228 ON AUG 05	---	1938
1939	---	181.963 ON AUG 17	180.786 ON APR 29	1939
1940	---	181.530 ON JUN 27	---	1940
1941	---	181.265 ON AUG 04	180.960 ON DEC 30	1941
1942	---	181.941 ON OCT 21	---	1942
1943	---	181.780 ON JUL 21	181.085 ON MAY 20	1943
1944	---	181.554 ON JAN 01	181.414 ON APR 21	1944
1947	---	---	181.021 ON JUN 11	1947
1948	---	182.011 ON JAN 01	---	1948
1949	---	182.365 ON DEC 26	180.591 ON DEC 29	1949
1950	---	---	180.506 ON APR 17	1950
1951	---	182.398 ON SEP 03	181.600 ON MAY 04	1951
1952	---	182.425 ON NOV 18	181.359 ON APR 28	1952
1953	---	182.440 ON SEP 17	181.408 ON APR 16	1953
1954	---	182.353 ON JAN 01	181.221 ON JUN 16	1954
1955	---	181.688 ON JAN 01	181.255 ON MAY 22	1955
1956	---	182.523 ON AUG 19	181.182 ON APR 03	1956
1957	---	181.917 ON JAN 01	181.182 ON DEC 31	1957
1958	---	181.679 ON AUG 08	181.021 ON APR 09	1958
1959	---	181.642 ON AUG 06	181.002 ON APR 08	1959
1960	---	---	---	1960
1961	---	182.100 ON JAN 01	181.219 ON DEC 28	1961
1962	---	181.213 ON JAN 01	---	1962
1963	---	181.956 ON JUL 27	---	1963
1964	---	---	181.182 ON MAR 20	1964

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GODS LAKE AT GODS LAKE NARROWS - STATION NO. 04AC001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	179.190	---	179.360	179.376	179.373	---	---	---	1933
1934	---	---	---	---	---	---	180.644	---	---	180.423	---	---	---	1934
1945	---	---	---	---	---	---	---	---	28.058	27.933	27.067	27.789	---	1945
1946	27.681	27.556	27.385	27.276	27.414	27.584	27.755	27.838	27.834	27.775	27.610	27.515	27.603	1946
1947	27.475	27.416	27.323	27.216	27.284	27.770	28.241	28.426	28.452	---	---	---	---	1947
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM														
1966	---	---	---	---	---	---	179.674	---	---	---	---	---	---	1966
1968	---	---	---	---	---	---	---	---	---	180.388	---	---	---	1968
1969	---	---	---	179.707	---	---	---	---	---	---	---	180.200	---	1969
1970	180.232	180.143	180.027	179.867	179.818	179.945	180.060	180.072	179.996	179.928	179.955	180.048	180.007	1970
1971	180.110	180.030	179.909	---	179.906	---	---	180.256	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	179.677	---	---	---	---	1972
1973	179.278	179.218	179.167	179.147	179.242	179.599	179.929	180.046	179.942	179.925	179.958	179.979	179.622	1973
1974	179.940	179.858	179.760	179.653	179.634	179.927	180.055	180.090	179.984	179.847	179.712	---	---	1974
1975	---	---	---	---	---	---	179.700	179.871	179.980	180.074	---	---	---	1975
1976	---	---	---	179.521	179.480	179.439	179.429	179.408	179.378	179.266	---	---	---	1976
1977	---	---	---	---	---	179.070	179.082	179.064	179.108	179.161	179.219	179.268	---	1977
1978	---	---	---	---	---	179.354	179.431	179.491	179.521	179.654	179.810	179.921	---	1978
1979	179.916	---	---	---	---	180.205	180.617	180.701	180.496	180.326	180.250	180.165	---	1979
1980	---	---	---	---	---	179.691	179.624	179.530	179.457	179.432	---	---	---	1980
1981	---	---	---	---	---	179.315	179.386	179.406	179.357	179.366	179.462	---	---	1981
1982	---	---	---	---	---	---	179.694	179.826	---	179.869	179.829	179.836	---	1982

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)
 APPLY 1.755 m ADJUSTMENT TO CONVERT TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 54 33 20 N
 LONG 094 28 40 W NATURAL FLOW

REMARKS - WATER LEVELS FOR THE PERIOD 1945-47 WERE RELATED TO AN ASSUMED DATUM
 WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

GODS LAKE AT GODS LAKE NARROWS - STATION NO. 04AC001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1933	---	179.467 ON DEC 20	---	1933
1934	---	180.875 ON AUG 04	---	1934
1945	---	---	---	1945
1946	---	27.889 ON SEP 23	27.249 ON APR 20	1946
1947	---	---	---	1947
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM				
1966	---	---	---	1966
1968	---	180.461 ON SEP 05	---	1968
1969	---	180.250 ON DEC 30	179.549 ON AUG 24	1969
1970	---	180.269 ON JAN 12	179.790 ON MAY 04	1970
1971	---	180.281 ON AUG 15	---	1971
1972	---	---	---	1972
1973	181.835 AT 0949 CST ON AUG 19	180.070 ON AUG 15	179.135 ON APR 18	1973
1974	181.892 AT 1058 CST ON AUG 07	180.131 ON AUG 07	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	179.278 ON DEC 17	---	1977
1978	181.713 AT 1830 CST ON DEC 29	179.952 ON DEC 29	---	1978
1979	182.536 AT 0730 CST ON AUG 02	180.759 ON AUG 02	---	1979
1980	---	180.106A ON JAN 03	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)
 APPLY 1.755 m ADJUSTMENT TO CONVERT TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

A - MANUAL GAUGE
 (SEE REFERENCE INDEX)

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

GODS LAKE AT OUTLET OF GODS LAKE - STATION NO. 04AC006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	179.649	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	178.957	---	---	---	1961
1962	---	---	---	---	179.056	179.263	179.423	179.108	179.036	179.544	179.492	---	---	1962
1963	---	---	---	---	179.527	179.865	180.116	180.107	179.992	179.887	---	---	---	1963
1964	---	---	---	---	---	179.694	179.838	---	---	---	---	---	---	1964
1965	---	---	---	---	---	179.804	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	180.375	180.227	180.100	---	---	1966
1967	---	---	179.676	179.625	179.615	---	---	---	180.694	180.385	180.137	---	---	1967
1968	---	---	---	179.437	179.470	179.807	180.171	180.399	180.448	180.394	180.312	180.225	---	1968
1969	180.121	179.999	179.838	179.704	179.612	179.586	179.595	---	---	179.778	180.045	180.233	---	1969
1970	180.236	180.146	180.016	179.855	179.811	179.926	180.058	180.072	179.988	179.935	179.963	---	---	1970
1971	---	---	---	---	---	---	180.245	180.256	180.141	179.911	179.771	---	---	1971
1972	---	---	---	---	---	---	179.794	179.812	179.675	179.539	179.430	179.351	---	1972
1973	179.299	179.234	179.179	179.154	179.240	179.572	179.897	180.029	179.924	179.920	179.965	179.988	179.619	1973
1974	---	---	---	---	---	---	180.056	180.105	179.988	179.848	179.743	179.648	---	1974
1975	179.584	179.494	179.425	179.343	179.379	179.528	179.672	179.658	179.983	180.050	180.028	179.969	179.694	1975
1976	179.886	179.777	179.640	179.524	179.481	179.431	179.427	179.411	179.392	179.289	179.189	179.126	179.464	1976
1977	179.084	179.049	179.023	179.008	179.078	179.105	179.083	179.043	179.116	179.184	179.213	179.233	179.102	1977
1978	179.246	---	---	179.212	179.243	179.377	179.435	179.494	179.509	---	---	---	---	1978
1979	---	179.876	179.776	179.661	179.746	180.184	180.588	---	---	180.318	180.257	180.190	---	1979
1980	180.078	179.953	179.810	179.686	179.686	179.680	179.619	179.542	179.455	179.425	179.427	179.445	179.650	1980
1981	179.430	179.381	179.316	179.246	179.261	179.317	179.393	179.404	179.354	179.363	179.462	179.552	179.373	1981
1982	179.564	179.530	179.476	179.405	179.475	179.592	---	---	---	179.866	179.824	179.837	---	1982
1983	179.805	179.743	179.682	179.587	179.671	180.090	180.330	180.367	180.258	180.085	179.938	179.835	179.951	1983
1984	179.750	179.662	179.555	179.462	179.518	179.636	179.760	179.760	179.650	179.544	179.454	179.418	179.598	1984
1985	179.372	179.322	179.266	179.215	179.362	179.712	180.216	180.436	180.424	180.298	180.175	180.066	179.826	1985
1986	179.921	179.789	179.661	179.568	179.744	180.067	180.172	180.144	179.959	179.805	---	---	---	1986
1987	---	179.515	179.435	179.385	179.462	179.543	---	---	179.693	179.664	179.623	179.587	---	1987
1988	179.537	179.485	179.403	179.325	179.372	179.551	179.549	179.471	179.327	179.184	179.076	178.997	179.356	1988
1990	---	179.346	179.339	179.291	179.375	179.773	180.049	180.146	180.082	179.904	179.755	179.641	---	1990
MEAN	179.661	179.606	179.529	179.435	179.463	179.657	179.847	179.829	179.834	179.776	179.756	179.686	179.563	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)
 APPLY -1.750 m ADJUSTMENT TO CONVERT TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 54 49 47 N
 LONG 094 05 00 W NATURAL FLOW

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	180.484 AT 1800 CST ON AUG 06	179.585 ON SEP 22	---	1963
1964	---	180.161 ON AUG 07	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	180.484 AT 1530 CST ON SEP 23	180.462 ON SEP 13	179.396 ON MAY 01	1968
1969	---	180.264 ON DEC 31	179.536A ON AUG 30	1969
1970	---	---	---	1970
1971	180.313 AT 1200 CST ON AUG 18	180.267A ON JAN 08	179.780 ON MAY 05	1971
1972	179.850 AT 1346 CST ON JUL 30	180.280 ON AUG 15	---	1972
1973	180.066 AT 1635 CST ON AUG 17	179.847 ON JUL 30	---	1973
1974	180.149 AT 1900 CST ON AUG 10	180.060 ON AUG 18	179.137 ON APR 20	1974
1975	180.130 AT 0930 CST ON OCT 19	180.069 ON OCT 19	179.316 ON APR 28	1975
1976	179.935 AT 1230 CST ON JAN 02	179.926 ON JAN 01	179.109 ON DEC 29	1976
1977	179.255 AT 0000 CST ON DEC 25	179.249 ON DEC 23	178.981 ON APR 11	1977
1978	---	---	---	1978
1979	---	---	179.635 ON APR 17	1979
1980	180.145 AT 0001 CST ON JAN 01	180.142 ON JAN 01	179.400 ON OCT 10	1980
1981	179.583 AT 0843 CST ON DEC 25	179.578 ON DEC 25	179.216 ON APR 20	1981
1982	---	---	---	1982
1983	180.416 AT 1130 CST ON AUG 04	180.401 ON AUG 03	179.368 ON APR 24	1983
1984	179.803 AT 1355 CST ON JAN 03	179.789 ON JAN 03	179.391 ON DEC 31	1984
1985	180.487 AT 2127 CST ON SEP 03 *	180.482 ON SEP 04 *	179.186 ON APR 20	1985
1986	180.200 AT 2250 CST ON AUG 07	180.197 ON AUG 08	179.541 ON APR 20	1986
1987	---	---	179.547 ON APR 15	1987
1988	179.619 AT 1053 CST ON JUL 07	179.583 ON JUL 08	178.971 ON DEC 31 *	1988
1990	---	180.162 ON AUG 12	179.259 ON APR 22	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)
 APPLY -1.750 m ADJUSTMENT TO CONVERT TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

A - MANUAL GAUGE
 (SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GODNEY RESERVOIR NEAR PILOT MOUND - STATION NO. 050B803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	451.789	451.707	451.747	---	451.399	451.343	---	---	---	1986
1987	---	---	---	---	---	---	---	451.669	451.702	451.660	---	---	---	1987
1988	---	---	---	---	---	451.507	451.264	451.038	450.868	450.789	---	---	---	1988
1989	---	---	---	451.332	451.738	451.657	451.529	451.198	450.941	450.751	---	---	---	1989
1990	---	---	---	---	451.784	451.777	451.720	451.502	451.260	---	---	---	---	1990
MEAN	---	---	---	451.332	451.770	451.662	451.565	451.352	451.234	451.136	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 12 30 N DRAINAGE AREA 154 km²
 LONG 098 57 03 W REGULATED SINCE 1966

DATA CONTRIBUTED BY -
 MANITOBA WATER RESOURCES BRANCH

REMARKS - PRIOR TO 1988 PUBLISHED AS "PILOT MOUND RESERVOIR"

GODNEY RESERVOIR NEAR PILOT MOUND - STATION NO. 050B803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	451.942 ON APR 16 *	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRACE LAKE NEAR THE PAS - STATION NO. 05KJ002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	260.310	260.353	260.367	260.404	---	1982
1983	---	---	260.489	260.519	---	---	---	260.399	---	---	---	---	---	1983
1984	---	---	260.450	260.527	260.555	260.481	260.373	260.263	260.221	260.264	---	---	---	1984
1985	---	---	260.386	260.422	260.460	260.455	260.416	260.393	260.441	260.450	---	---	---	1985
1986	---	---	---	---	260.532	260.427	260.417	260.437	---	---	---	---	---	1986
1987	---	---	260.254	260.233	260.187	260.147	260.133	260.125	260.109	260.119	---	---	---	1987
1988	---	---	---	---	260.312	260.217	260.126	260.050	259.996	259.971	---	---	---	1988
1989	---	---	---	---	260.066	260.013	260.030	259.966	260.017	260.026	---	---	---	1989
1990	---	---	---	---	260.287	260.262	260.191	260.082	260.016	260.003	---	---	---	1990
MEAN	---	---	260.395	260.425	260.343	260.286	260.241	260.214	260.159	260.169	260.367	260.404	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

LOCATION - LAT 53 49 00 N DRAINAGE AREA 28.5 km²
 LONG 101 12 00 W REGULATED SINCE 1955

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	260.481 ON MAY 07	260.212 ON SEP 11	1981
1982	---	---	260.289 ON SEP 26	1982
1983	---	---	---	1983
1984	260.589 AT 1918 CST ON MAY 05	260.582 ON MAY 01	---	1984
1985	260.483 AT 1940 CST ON MAY 15	260.479 ON MAY 15	---	1985
1986	260.598 AT 1331 CST ON APR 29	260.594 ON APR 29	---	1986
1987	260.280 AT 1908 CST ON MAR 21	260.277 ON MAR 21	---	1987
1988	260.340 AT 1735 CST ON MAY 14	260.328 ON MAY 09	---	1988
1989	260.102 AT 1114 CST ON MAY 04	260.078 ON MAY 04	259.933 ON AUG 21	1989
1990	260.318 AT 1312 CST ON MAY 24	260.313 ON MAY 24	259.986 ON OCT 03	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1974 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRANVILLE LAKE AT GRANVILLE LAKE - STATION NO. 06EB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	---	---	---	259.873	259.595	---	1951
1952	259.454	259.353	259.300	259.276	259.339	259.314	259.321	259.293	259.230	---	259.323	259.308	---	1952
1953	259.209	259.139	259.137	259.134	259.544	259.710	---	---	259.472	259.526	259.425	259.410	---	1953
1954	259.380	259.330	259.269	259.199	---	---	259.858	259.955	---	---	---	---	---	1954
1955	---	259.714	259.578	259.613	260.315	260.574	260.461	260.207	---	259.719	---	259.879	---	1955
1956	259.853	259.756	259.667	259.611	260.223	260.081	259.574	259.204	---	---	258.991	259.037	---	1956
1957	259.508	259.427	259.359	259.328	259.479	259.974	259.961	---	259.978	259.713	259.562	259.474	---	1957
1958	259.488	259.491	259.429	259.473	259.956	260.136	260.152	---	---	260.169	260.045	259.847	---	1958
1959	259.724	259.603	259.489	259.404	259.832	260.877	261.218	261.190	---	260.575	260.295	259.930	---	1959
1960	259.672	259.568	259.518	259.478	259.763	260.693	261.217	261.308	260.946	260.643	260.320	259.956	260.259	1960
1961	259.754	259.650	259.584	259.519	260.042	261.311	260.684	---	259.590	259.423	259.549	259.499	---	1961
1962	259.508	259.427	259.359	259.328	259.479	259.974	259.961	---	259.849	259.756	259.699	259.641	---	1962
1963	259.614	259.655	259.721	259.723	260.155	260.426	---	---	---	260.175	259.999	259.804	---	1963
1964	259.672	259.624	259.603	259.589	260.077	260.271	---	---	260.515	260.752	260.459	260.195	---	1964
1965	259.992	259.829	---	259.687	260.236	260.636	260.430	---	260.105	260.141	260.126	260.045	---	1965
1966	259.925	259.828	259.781	259.785	259.949	260.478	260.623	---	259.802	259.494	259.453	259.457	---	1966
1967	259.379	259.427	259.512	259.512	259.601	260.293	260.292	---	259.828	259.556	259.393	259.487	---	1967
1968	259.567	259.612	259.681	259.638	259.919	260.078	259.849	---	259.562	259.809	259.819	259.677	---	1968
1969	259.607	259.637	259.611	259.609	259.986	---	259.739	---	260.056	260.436	260.177	259.866	---	1969
1970	259.741	259.675	259.629	259.550	259.780	260.160	260.547	---	260.124	259.927	259.820	259.785	---	1970
1971	259.712	259.646	259.402	259.194	259.606	259.858	---	---	260.809	261.205	260.921	260.425	---	1971
1972	260.205	260.118	260.076	259.998	260.519	260.813	---	---	260.022	260.089	260.108	260.022	---	1972
1973	259.973	259.961	259.929	259.861	260.102	260.402	260.302	---	260.019	259.983	259.984	259.978	---	1973
1974	259.914	259.835	259.771	259.842	260.523	---	261.248	---	261.180	261.010	---	260.478	---	1974
1975	260.277	260.122	260.132	260.103	260.514	261.036	260.944	---	260.609	260.544	260.332	260.004	---	1975
1976	259.844	259.858	259.875	259.868	259.859	259.755	260.350	---	260.818	261.015	261.049	260.678	---	1976
1977	260.369	260.236	260.206	260.236	260.729	261.171	261.370	261.474	261.376	260.941	260.490	260.264	260.741	1977
1978	260.177	260.185	260.159	260.065	260.243	260.382	260.419	260.353	260.377	260.536	260.937	260.628	260.373	1978
1979	260.382	260.203	260.211	260.119	260.149	260.597	260.459	260.014	259.813	259.898	260.170	260.169	260.182	1979
1980	---	---	---	---	---	260.019	259.900	260.012	260.173	260.365	260.267	260.143	---	1980
1981	260.127	260.087	259.966	259.859	259.999	260.068	259.755	259.451	259.240	259.275	259.422	259.477	259.725	1981
1982	259.431	---	---	---	---	259.948	259.879	259.652	259.611	259.426	259.216	259.376	---	1982
1983	259.565	---	---	---	---	---	259.816	259.703	259.747	260.299	260.287	260.124	---	1983
1984	259.999	259.929	259.858	259.946	260.266	260.115	260.036	259.876	259.709	259.592	259.664	259.741	259.894	1984
1985	259.759	---	---	---	---	---	260.590	260.328	259.862	259.589	259.419	259.447	---	1985
1986	259.563	259.667	259.711	259.711	260.062	260.438	260.341	260.398	260.139	259.821	259.759	259.790	259.952	1986
1987	259.852	259.816	259.820	259.835	260.190	260.199	259.982	259.801	259.716	259.664	259.684	259.724	259.857	1987
1988	259.751	259.750	259.705	259.667	259.867	260.008	259.865	259.635	259.728	259.759	259.610	259.497	259.737	1988
1989	259.420	259.379	259.437	259.403	259.701	260.127	---	---	---	259.618	259.639	---	---	1989
1990	259.645	259.644	259.555	259.582	259.793	---	---	---	---	260.104	260.021	---	---	1990
MEAN	259.746	259.730	259.693	259.645	260.000	260.311	260.296	260.103	260.065	260.071	259.927	259.834	260.080	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 56 13 40 N DRAINAGE AREA, 244 000 km²
LONG 100 35 00 W REGULATED SINCE 1928

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1952	---	259.504 ON JAN 01	259.196 ON SEP 15	1952
1953	---	---	259.104 ON FEB 18	1953
1954	---	---	---	1954
1955	---	260.656 ON JUN 06	259.531 ON MAR 23	1955
1956	---	260.205 ON JUN 06	258.937 ON OCT 22	1956
1957	---	260.287 ON AUG 16	258.882 ON APR 16	1957
1958	---	260.202 ON OCT 17	259.367 ON APR 11	1958
1959	---	261.272 ON AUG 03	259.385 ON APR 28	1959
1960	---	261.378E ON AUG 03	259.415 ON MAY 07	1960
1961	---	260.598 ON JUN 15	259.397 ON OCT 22	1961
1962	---	261.436 ON JUN 09	259.485 ON JAN 01	1962
1963	---	---	259.598 ON JAN 04	1963
1964	---	---	259.574 ON APR 11	1964
1965	---	260.674 ON JUN 09	259.629 ON APR 27	1965
1966	---	260.741 ON JUL 05	259.406 ON DEC 31	1966
1967	---	260.357 ON JUN 19	259.370 ON JAN 25	1967
1968	---	260.153 ON JUN 04	259.498 ON AUG 28	1968
1969	---	260.470 ON OCT 17	---	1969
1970	---	---	259.525 ON APR 24	1970
1971	---	261.299 ON OCT 19	259.150 ON APR 15	1971
1972	---	260.845 ON JUN 07	259.958 ON SEP 19	1972
1973	---	260.423 ON JUN 18	259.839 ON MAY 02	1973
1974	---	261.387 ON AUG 01	259.757 ON MAR 16	1974
1975	---	261.122 ON JUN 27	259.866 ON DEC 31	1975
1976	---	261.101 ON OCT 30	259.690 ON JUN 19	1976
1977	---	261.494 ON AUG 10	260.122 ON APR 14	1977
1978	---	261.012 ON NOV 13	260.025 ON APR 27	1978
1979	---	260.671 ON JUN 27	259.775 ON SEP 27	1979
1980	260.402 AT 1530 CST ON OCT 18	260.401 ON OCT 21	259.864A ON JUL 21	1980
1981	260.179 AT 0110 CST ON MAY 29	260.173 ON MAY 28	259.191 ON SEP 23	1981
1982	259.977 AT 0040 CST ON JUL 06	259.972 ON JUL 05	---	1982
1983	260.395 AT 1520 CST ON OCT 26	260.389 ON OCT 23	---	1983
1984	260.291 AT 0600 CST ON MAY 10	260.289 ON MAY 09	259.521 ON OCT 29	1984
1985	260.653 AT 0735 CST ON JUL 07	260.640 ON JUL 05	---	1985
1986	260.487 AT 1900 CST ON JUN 19	260.482 ON JUN 19	259.504 ON JAN 01	1986
1987	260.267 AT 0552 CST ON MAY 20	260.249 ON MAY 24	259.631 ON OCT 26	1987
1988	260.062 AT 1615 CST ON JUN 11	260.033 ON JUN 07	259.449 ON DEC 28	1988
1989	---	---	259.356 ON APR 30	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GULL LAKE AT SHERWOOD - STATION NO. 05SA801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	253.373	253.300	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	253.160	253.103	---	---	---	---	---	1988
1989	---	---	---	---	---	253.235	253.163	253.089	253.012	---	---	---	---	1989
1990	---	---	---	---	---	253.145	253.124	253.000	---	---	---	---	---	1990
MEAN	---	---	---	---	---	253.251	253.187	253.064	253.012	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 24 56 N
LONG 096 31 05 WDRAINAGE AREA, 4.14 km²
NATURAL FLOWDATA CONTRIBUTED BY
MANITOBA WATER RESOURCES BRANCH

GULL LAKE AT SHERWOOD - STATION NO. 05SA801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	253.177 ON JUN 22 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ISLAND LAKE AT HYER'S TRADING POST - STATION NO. 04AC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	227.907	227.883	---	228.257	228.203	---	---	228.213	228.334	228.274	---	1935
1936	228.148	228.004	227.905	227.807	227.774	228.320	228.540	228.321	228.127	228.034	227.971	227.923	228.073	1936
1937	227.858	227.807	227.749	227.722	228.368	228.970	228.882	228.557	228.345	228.310	228.336	228.294	228.269	1937
1938	228.164	228.043	227.936	227.878	228.235	228.499	228.554	228.457	228.298	228.136	227.997	227.931	228.178	1938
1939	227.859	227.792	227.741	227.695	227.776	228.151	---	228.399	228.217	228.103	---	228.013	---	1939
1940	227.955	227.876	227.801	227.750	227.979	228.203	228.216	228.102	227.950	---	---	---	---	1940
MEAN	227.997	227.904	227.840	227.789	228.026	228.400	228.479	228.367	228.187	228.159	228.160	228.087	228.173	MEAN

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 53 58 00 N
LONG 094 46 00 W

NATURAL FLOW

ISLAND LAKE AT HYER'S TRADING POST - STATION NO. 04AC003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1935	---	228.350 ON NOV 22	227.841 ON APR 18	1935
1936	---	228.588 ON JUL 07	227.698 ON MAY 24	1936
1937	---	228.060 ON JUN 26	227.686 ON APR 14	1937
1938	---	228.579 ON JUL 07	227.868 ON APR 13	1938
1939	---	228.557 ON JUL 19	227.676 ON APR 20	1939
1940	---	228.253 ON JUN 29	---	1940

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ISLAND LAKE NEAR ISLAND LAKE - STATION NO. 04AC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1934	---	---	---	---	---	---	228.780R	228.479R	---	---	---	---	---	1934
1940	---	---	---	---	---	---	---	---	---	---	---	---	---	1940
1941	227.845	227.815	227.785	227.771	228.306	228.581	228.481	228.277	228.058	227.959	227.881	227.827	228.051	1941
1942	227.809	227.791	227.775	227.784	227.953	228.062	228.103	228.183	228.231	228.156	228.069	228.011	227.995	1942
1943	227.948	227.898	227.816	227.764	227.079	228.312	228.316	228.212	228.169	228.186	228.111	228.039	228.072	1943
1944	227.955R	---	---	227.735	227.840	227.940	228.079	228.049	228.081	228.160	228.139	228.078	---	1944
1945	228.005	227.929	227.850	227.837	228.043	228.514	228.823	228.692	228.468	228.383	228.307	228.235	228.260	1945
1946	228.078	227.978	---	---	228.223	228.336	228.318	228.377	228.380	228.256	228.203	228.104	---	1946
1947	228.035	---	227.869	227.786	227.986	228.606	228.908	228.701	228.589	228.539	228.413	228.268	---	1947
1948	---	228.017	227.915	227.831	227.973	227.988	227.933	227.929	---	227.738	---	---	---	1948
1949	---	---	---	---	227.835	228.107	228.199	228.245	228.322	228.719	228.777	228.635	---	1949
1950	228.449	---	228.109	227.987	228.090	228.647	---	---	---	228.391R	228.324	228.227	---	1950
1951	228.111	228.007	227.924	227.876	228.555	228.397	228.368R	228.422R	---	228.605	228.539	228.371	---	1951
1952	228.204	228.067	227.942	227.943	228.144	228.388	228.834	228.895	228.800	228.710	228.609	228.472	228.448	1952
1953	228.295	228.142	228.019	227.943	228.144	228.402R	228.859R	228.685	228.418R	228.258	228.218R	228.165	228.298R	1953
1954	228.093	227.998	227.908	227.826R	227.919	228.298	228.403R	228.278R	228.128R	228.090R	228.097	228.081	228.094R	1954
1955	228.018	227.941	227.868	227.899	228.384R	228.553R	228.628R	228.548R	228.388R	228.348	228.320R	228.254	228.265R	1955
1956	228.160	228.061	227.971	227.886	227.970	228.550	228.517R	228.266R	---	227.939R	227.984	228.008	---	1956
1957	227.974	227.908	227.867	227.824	228.263R	228.458	228.601R	228.459	228.283R	228.125R	227.999	227.918	228.142R	1957
1958	227.854	227.807	227.767	227.835	228.161R	228.402R	228.354R	228.296R	228.186R	228.121	228.133	228.145	228.090R	1958
1959	228.077	227.982R	227.886	227.837	228.435R	229.106	229.074R	228.764R	228.493R	228.352R	228.282	228.204	228.377R	1959
1960	228.101	228.007	227.913	227.867	228.074	228.496	228.389R	228.174R	228.113R	228.041	227.986	227.938	228.092R	1960
1961	227.859	227.784	227.733	227.710	227.858	228.933R	227.943R	227.854R	227.769R	227.729	227.797	227.838	227.822R	1961
1962	227.830	227.782	227.743	227.679	227.977	228.374	228.290R	228.099R	227.987	227.953	227.961	227.993	227.972R	1962
1963	227.974	227.918	227.871	227.848	228.329	228.590R	228.499R	228.292	228.205	228.118	228.043	227.981	228.132R	1963
1964	227.920	227.848	227.816	227.799	228.327	228.554	228.396R	228.226	228.072	227.978	227.919	227.885	228.063R	1964
1965	227.852	227.781	227.748	227.749	228.075	---	---	---	---	228.639	228.559	228.486	---	1965
1966	---	228.397	228.270R	---	---	---	---	---	228.418	228.268	---	---	---	1966
1967	228.055	227.991	---	227.900	228.136	---	229.010	228.767	228.419	228.218	---	---	---	1967
1968	---	227.961	---	227.813	---	---	228.657	---	---	---	228.408	228.310	---	1968
1969	228.185	228.068	227.970	227.941	228.134	228.205	228.160R	228.250	228.508	228.838	228.779	228.577	228.303R	1969
1970	228.179	228.214	228.053	227.967	228.149	228.345	228.538	228.450	228.272	228.284	228.396	228.395	228.288	1970
1971	228.285	228.176	228.070	228.026	228.451	228.420	228.603	228.460	228.219	227.965	227.925	227.895	---	1971
1972	---	---	---	227.768	228.233	228.420	228.311	228.201	228.042	227.965	227.925	227.895	228.144	1972
1973	227.867	227.824	227.787	227.792	228.167	228.505	228.540	228.388	228.185	228.178	228.250	228.223	---	1973
1974	228.096	---	---	227.921	228.131	228.442	228.371	228.320	228.178	228.069	228.004	227.968	---	1974
1975	227.972	227.928	227.881	227.834	228.089	228.509	228.495	228.452	228.448	228.430	228.321	228.206	228.215	1975
1976	228.118	228.020	227.932	227.895	227.963	---	---	---	---	227.813	---	---	---	1976
1977	---	---	---	---	---	---	227.981	228.107	228.146	228.162	228.101	---	---	1977
1978	227.966	227.900	227.850	227.858	---	---	228.150	228.130	228.118	228.290	228.438	228.388	---	1978
1979	228.252	228.113	228.011	227.965	228.268	228.795	---	---	228.419	228.345	228.372	228.315	---	1979
1980	228.209	228.107	228.017	---	---	---	---	---	---	227.921	227.998	228.025	---	1980
1981	---	---	---	227.793	227.878	228.028	---	---	---	228.000	228.023	228.107	---	1981
1982	---	---	---	---	---	---	228.436	228.420	228.098	228.098	228.206	---	---	1982
1983	---	---	---	228.303	228.687	228.733	228.733	228.551	228.319	228.175	228.129	228.095	---	1983
1984	228.039	227.980	227.908	227.910	228.340	228.369	228.369	228.230	228.037	227.964	227.922	227.943	228.069	1984
1985	227.920	227.879	227.839	---	---	---	---	---	---	228.480	228.320	228.226	228.137	1985
1986	228.061	227.992	227.924	227.926	228.359	228.498	228.351	228.239	228.097	228.048	---	---	---	1986
1987	---	227.922	227.876	227.911	228.193	228.219	228.170	228.172	228.302	228.212	228.115	228.064	227.918	1987
1988	228.002	227.922	227.890	227.865	228.002	228.240	228.146	227.974	227.823	227.743	227.693	---	---	1988
1989	---	227.664	227.641	227.633	227.777	228.004	228.001	227.921	227.946	227.971	228.056	---	---	1989
1990	228.017	227.962	227.906	227.884	228.347	228.662	228.530	228.369	228.178	228.017	227.930	227.898	228.143	1990
MEAN	228.048	227.963	227.894	227.847	228.127	228.404	228.438	228.333	228.231	228.182	228.176	228.129	228.141	MEAN

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

LOCATION - LAT 53 52 00 N
LONG 094 40 25 W NATURAL FLOW

R - REVISED SINCE JAN 01 1991

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1934	---	228.865 ON JUN 19	---	1934
1940	---	---	---	1940
1941	---	228.627 ON JUN 07	227.753 ON APR 15	1941
1942	---	228.743 ON AUG 28	227.762 ON APR 06	1942
1943	---	228.335 ON JUL 01	227.725 ON APR 19	1943
1944	---	228.182 ON OCT 16	227.701 ON APR 23	1944
1945	---	228.853 ON JUL 19	227.829 ON MAR 23	1945
1946	---	228.635 ON JUL 10	---	1946
1947	---	228.960 ON JUL 11	227.750 ON APR 28	1947
1948	---	---	---	1948
1949	---	228.819 ON OCT 30	---	1949
1950	---	---	227.945 ON MAY 04	1950
1951	---	228.637 ON OCT 17	227.865 ON APR 22	1951
1952	---	228.951 ON AUG 04	227.872 ON APR 14	1952
1953	---	---	227.914 ON APR 22	1953
1954	---	228.417 ON JUL 07	227.783 ON MAY 07	1954
1955	---	228.673 ON JUL 19	227.826 ON APR 06	1955
1956	---	228.827 ON JUN 26	227.838 ON MAY 02	1956
1957	---	228.649 ON JUL 13	227.806 ON APR 19	1957
1958	---	228.423 ON JUN 18	227.747 ON MAR 30	1958
1959	---	229.170 ON JUN 30	227.820 ON APR 25	1959
1960	---	228.533 ON JUN 18	227.844 ON MAY 03	1960
1961	---	228.009 ON JUN 11	227.698 ON APR 16	1961
1962	---	228.405 ON JUN 16	227.667 ON APR 26	1962
1963	---	228.655 ON JUN 26	227.838 ON MAR 26	1963
1964	---	228.597 ON JUN 02	227.786 ON APR 09	1964
1965	---	---	227.740 ON MAR 22	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	228.902 AT 1556 CST ON OCT 23	228.902 ON OCT 23	227.902 ON APR 11	1969
1970	228.582 AT 0648 CST ON JUL 26	228.579 ON JUL 21	227.948 ON APR 22	1970
1971	---	---	---	1971
1972	228.469 AT 2136 CST ON JUN 13	228.451 ON JUN 18	---	1972
1973	228.570 AT 2330 CST ON JUL 11	228.563 ON JUL 11	227.762 ON APR 04	1973
1974	228.475 AT 0350 CST ON JUN 21	228.472 ON JUN 20	---	1974
1975	228.597 AT 0111 CST ON JUN 27	228.591 ON JUN 26	227.817 ON APR 17	1975
1976	---	---	---	1976
1977	228.173 AT 1749 CST ON SEP 16	228.173 ON OCT 09	---	1977
1978	228.463 AT 2017 CST ON NOV 16	228.460 ON NOV 16	227.838 ON MAR 23	1978
1979	228.877 AT 1830 CST ON JUN 27	228.871 ON JUN 28	227.935 ON APR 15	1979
1980	---	---	---	1980
1981	---	---	227.779 ON APR 19	1981
1982	228.474 AT 1830 CST ON JUN 23	228.466 ON JUN 23	---	1982
1983	228.790 AT 1346 CST ON JUN 16	228.760 ON JUL 15	227.887 ON APR 20	1983
1984	228.404 AT 0644 CST ON JUN 30	228.401 ON JUN 30	227.853 ON APR 05	1984
1985	---	---	---	1985
1986	228.557 AT 1342 CST ON JUN 02	228.547 ON MAY 29	227.890 ON APR 13	1986
1987	228.330 AT 2050 CST ON SEP 18	228.322 ON SEP 16	227.825 ON APR 06	1987
1988	228.269 AT 0517 CST ON JUN 12	228.262 ON JUN 20	227.674 ON NOV 09	1988
1989	228.101 AT 1200 CST ON DEC 03	228.093 ON DEC 04	227.625 ON APR 18	1989
1990	228.692 AT 2000 CST ON JUN 12	228.685 ON JUN 18	227.843 ON APR 17	1990

WATER LEVELS REFERRED TO MANITOBA-ONTARIO BOUNDARY SURVEY DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKFISH LAKE NEAR GRANDVIEW - STATION NO. 05LJ807

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	695.364	695.135	695.164	---	---	---	---	---	1983
1984	---	---	---	---	695.488	695.748	695.170	694.965	694.976	---	---	---	---	1984
1985	---	---	---	694.838	---	---	---	---	---	---	---	695.005	---	1985
1986	---	---	---	---	---	---	695.056	694.891	695.017	695.043	694.746	695.093	---	1986
1987	---	---	---	694.813	695.204	695.145	695.120	---	---	---	---	695.060	---	1987
1988	695.068	695.058	695.058	695.198	---	---	---	---	694.855	694.307	694.388	694.409	---	1988
1989	694.461	694.520	707.725	712.754	694.537	694.587	694.599	694.635	694.735	694.777	695.135	695.107	697.298	1989
1990	695.105	695.110	694.916	694.119	695.460	695.520	695.556	695.493	695.418	694.866	694.728	694.756	695.089	1990
MEAN	694.878	694.896	699.233	698.344	695.172	695.250	695.144	695.024	695.028	694.748	694.749	694.905	696.193	MEAN

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 23 58 N LONG 100 48 05 W DRAINAGE AREA, 30.3 km² REGULATED SINCE 1967

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

JACKFISH LAKE NEAR GRANDVIEW - STATION NO. 05LJ807

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	695.368 ON APR 25	---	1987
1988	---	695.980 ON MAY 04	693.972 ON OCT 03	1988
1989	---	717.347 ON APR 24	694.426 ON JAN 01	1989
1990	---	695.743 ON MAY 26	693.822 ON APR 16	1990

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKSON LAKE NEAR SYDNEY - STATION NO. 05LL802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	356.020	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	355.993	---	---	---	---	---	---	1984
1985	---	---	---	---	356.007	355.940	---	355.865	355.967	---	---	---	---	1985
1986	---	---	---	---	---	355.838	355.964	355.827	355.573	355.709	---	---	---	1986
1987	---	---	---	---	---	355.960	355.897	---	355.977	356.010	---	---	---	1987
1988	355.679	---	---	---	---	355.947	355.714	355.449	355.216	355.111	---	---	---	1988
1989	---	---	---	355.880	356.044	356.046	355.978	355.605	355.277	355.207	---	---	---	1989
1990	---	---	---	---	---	355.845	---	---	---	354.576	---	---	---	1990
MEAN	355.679	---	---	355.880	356.026	355.929	355.928	355.606	355.602	355.323	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 52 11 N DRAINAGE AREA, 60.9 km²
LONG 099 02 08 W REGULATED SINCE 1968DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - DATA FOR THE PERIOD 1971-82 MAY BE OBTAINED FROM THE MANITOBA WATER RESOURCES BRANCH

JACKSON LAKE NEAR SYDNEY - STATION NO. 05LL802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	356.083 ON JUN 13	---	1989
1990	---	356.161 ON MAY 17 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENTON RESERVOIR NEAR KENTON - STATION NO. 05MG803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	441.254	441.192	441.026	440.928	440.872	---	---	---	1983
1984	---	---	---	---	440.926	440.856	440.783	440.635	440.492	---	---	---	---	1984
1985	---	---	---	---	441.069	441.014	440.937	440.902	440.911	---	---	---	---	1985
1986	---	---	---	---	---	441.233	441.257	441.198	441.096	441.220	---	---	---	1986
1987	---	---	---	---	441.275	441.230	441.234	441.153	441.052	440.965	---	---	---	1987
1988	---	---	---	---	440.923	440.796	440.683	440.524	440.392	---	---	---	---	1988
1989	---	---	---	440.453	440.433	440.362	440.277	440.140	440.048	439.929	---	---	---	1989
1990	---	---	---	---	---	441.092	441.051	440.940	440.810	---	---	---	---	1990
MEAN	---	---	---	440.453	440.925	440.981	440.927	440.815	440.716	440.746	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 58 34 N DRAINAGE AREA, 119 km²
LONG 100 36 04 W REGULATED SINCE 1969DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

KENTON RESERVOIR NEAR KENTON - STATION NO. 05MG803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	441.099 ON MAY 12	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	440.484 ON APR 13	---	1988
1989	---	---	---	1989
1990	---	441.126 ON MAY 21 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	491.810	491.807	492.146	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	491.532	491.532	491.546	492.082	492.419	492.385	492.191	492.040	491.894	---	---	---	---	1962
1963	492.094	492.070	492.133	492.088	492.296	492.536	492.420	492.305	492.251R	492.152	492.117	492.112	492.077R	1963
1964	491.903	491.886	491.884	---	492.438	492.299	492.291	492.160	492.111	492.078	492.056	492.046	---	1964
1965	492.044	492.023	491.998	492.544	492.520R	492.446R	492.350	492.361	492.304	492.302	492.262	492.257	492.285R	1965
1966	492.256	492.249	492.409	492.576	492.546	492.398	492.358	492.243	492.162	492.039	491.992	491.967	492.266	1966
1967	491.958	491.955	491.971	492.412	492.525	492.369	492.227	492.050	491.877	491.831	491.786	491.779	492.062	1967
1968	491.763	491.745	491.896	492.155	492.309	492.273	492.198	492.174	492.387	492.299	492.293	492.282	492.149	1968
1969	492.259	492.258	492.278	492.660	492.443	492.308	492.408	492.263	492.121	492.037	492.036	492.022	492.258	1969
1970	492.008	491.994	491.996	492.376	492.530	492.363	492.281	492.189	492.036	491.956	491.912	491.890	492.128	1970
1971	491.868	491.849	491.853	492.563	492.653	492.627	492.495	492.255	492.133	492.110	492.099	492.132	492.221	1971
1972	492.172	492.178	492.388	492.612	492.478	492.433	492.368R	492.298	492.205	492.123	492.073	492.074	492.284R	1972
1973	492.063	492.030	492.017	491.999	492.066	492.161	492.248	492.254R	492.304	492.316	492.298	492.278	492.170R	1973
1974	492.256	492.245	492.280	492.371	492.604	492.654	492.553	492.293	492.156	492.064	492.041	492.020	492.295	1974
1975	492.006	492.030R	492.057	492.259	492.757	492.614	492.437	492.270	492.233	492.110	492.074	492.049	492.243R	1975
1976	492.022	492.002	492.022	492.567	492.521	492.349	492.276	492.009	491.857	491.758	491.736	491.711	492.077	1976
1977	491.698	491.724	491.752	491.696	491.713	491.772R	491.756	491.725	491.645R	491.580	---	---	---	1977
1978	491.507	---	---	---	492.309	492.291	492.200	492.046R	491.929	491.845	491.790	491.781	---	1978
1979	---	---	---	---	---	---	492.206	492.052	491.933	491.857	491.806	491.790	---	1979
1980	491.786	491.780R	491.771	492.070	492.069	491.910	491.785	491.781	491.834	491.902	492.120R	492.179	491.916R	1980
1981	492.168	---	---	---	492.410	---	492.379	---	---	---	---	492.250	---	1981
1982	492.239	492.217	492.227	---	---	492.390	492.314	---	---	492.128	---	492.279	---	1982
1983	492.292	492.290	492.371	492.572	492.416	492.347	492.317	492.131	492.015	491.962	491.923	491.903	492.211	1983
1984	491.883	---	---	---	492.546R	---	492.300	---	---	---	491.986	492.008	---	1984
1985	491.996	491.992	492.242	492.640	492.551	492.463	492.390	492.336	492.302	492.259	492.241	492.231R	492.305R	1985
1986	492.222	492.208R	492.478	---	492.578	492.394	---	492.290	492.186	492.153	492.116	492.117	---	1986
1987	492.096R	492.084	492.293	492.690	492.362	492.219	492.119	492.251	492.277	492.185	492.115	492.073	492.230R	1987
1988	492.046	492.034	492.025	492.139	492.154	492.029	491.857	491.657	491.494	491.431	491.387	491.371	491.801	1988
1989	491.384	491.386	491.393	492.329	---	492.350	492.244	492.078	491.983	---	491.829	---	---	1989
1990	491.779	491.761	491.794	491.907	491.917	491.997	491.976	491.851	491.757	491.657	491.595	491.573	491.797	1990
MEAN	491.975	491.981	492.043	492.341	492.384	492.324	492.241	492.109	492.034	492.011	491.985	492.003	492.148	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 10 30 N DRAINAGE AREA, 234 km² DATA CONTRIBUTED BY - R - REVISED SINCE JAN 01 1980
 LONG 099 40 12 W REGULATED SINCE 1956 MANITOBA WATER RESOURCES BRANCH

KILLARNEY LAKE AT KILLARNEY - STATION NO. 050A803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	492.663 ON JUN 17	491.524 ON JAN 28	1962
1963	---	492.624 ON APR 12	491.908 ON DEC 05	1963
1964	---	---	---	1964
1965	---	492.901 ON APR 16	491.984 ON MAR 31	1965
1966	---	492.682 ON APR 02	491.929 ON DEC 27	1966
1967	---	492.606 ON MAY 02	491.767 ON DEC 08	1967
1968	---	492.441 ON SEP 09	491.734 ON FEB 26	1968
1969	---	492.984 ON APR 13 *	492.014 ON DEC 30	1969
1970	---	492.587 ON MAY 06	491.880 ON DEC 28	1970
1971	---	492.810 ON APR 23	491.837 ON APR 01	1971
1972	---	492.642 ON APR 15	492.060 ON NOV 30	1972
1973	---	492.328 ON SEP 27	491.969 ON MAY 03	1973
1974	---	492.667 ON MAY 31	492.008 ON DEC 31	1974
1975	---	492.785 ON MAY 04	491.999 ON JAN 11	1975
1976	---	492.718 ON APR 14	491.697 ON DEC 31	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	492.188 ON DEC 02	491.742 ON AUG 01	1980
1981	---	---	---	1981
1982	---	492.610 ON APR 21	492.005 ON SEP 26	1982
1983	---	492.638 ON APR 06	491.894 ON DEC 28	1983
1984	---	---	---	1984
1985	---	492.729 ON MAR 27	491.981 ON MAR 10	1985
1986	---	---	---	1986
1987	---	492.859 ON APR 08	492.039 ON MAR 15	1987
1988	---	492.173 ON MAY 15	491.364 ON DEC 21 *	1988
1989	---	---	---	1989
1990	---	492.035 ON JUL 04	491.566 ON DEC 10	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KISKITTO LAKE NEAR NORWAY HOUSE - STATION NO. 05UB013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1971	---	---	---	---	---	---	---	---	212.742	212.486	212.111	212.560	---
1972	213.056	213.317	---	---	---	---	213.280	212.952	212.556	212.121	212.591	---	---
1973	212.651	---	---	---	---	211.874	211.975	211.940	211.927	211.629	211.940	211.980	---
1974	212.001	212.055	212.092	212.111	212.322	212.406	212.406	212.369	212.333	212.293	212.273	212.256	212.244
1975	212.250	212.233	212.210	212.183	212.343	212.497	212.497	212.546	212.642	212.749	212.819	---	---
1976	---	211.990	211.004	211.012	211.081	211.130	211.302	211.319	211.318	211.318	211.343	211.360	---
1977	213.378	213.344	213.348	213.365	213.439	213.459	213.528	213.553	213.553	213.684	213.748	213.537	213.492
1978	213.445	213.344	213.243	213.203	213.227	213.085	213.098	213.090	213.108	213.206	213.243	213.243	---
1979	---	213.179	213.182	213.158	---	213.492	213.443	213.343	---	213.358	213.356	213.310	---
1980	213.267	213.262	213.244	213.248	213.251	213.241	213.168	---	---	213.242	213.242	213.245	---
1981	213.223	213.176	213.153	213.136	213.253	213.361	213.361	213.398	213.291	213.334	213.388	213.399	213.297
1982	---	---	---	---	---	213.478	213.410	213.410	213.356	213.314	213.214	---	---
1983	---	---	---	---	213.355	213.592	213.605	213.593	213.531	213.523	213.515	---	---
1984	---	---	---	213.306	213.483	213.500	---	---	---	213.269	213.319	213.302	---
1985	213.267	213.222	213.180	213.143	213.276	213.321	---	---	---	213.412	213.389	213.333	---
1986	213.256	213.170	213.126	213.111	213.253	213.302	213.294	213.304	213.186	213.156	213.109	213.063	213.195
1987	213.011	212.979	212.945	212.973	213.086	213.089	213.084	---	---	---	---	---	---
1988	---	212.826	212.795	212.798	212.999	213.085	213.022	212.909	212.840	212.807	212.765	212.731	---
1989	212.714	212.699	212.678	212.658	212.657	212.580	212.518	212.498	212.581	212.616	212.687	212.713	212.633
1990	212.729	212.741	212.742	212.761	212.936	213.036	212.992	212.880	212.792	212.773	212.783	212.805	212.832
MEAN	212.942	212.969	212.924	212.944	213.063	213.085	213.061	213.004	212.918	212.964	212.947	212.926	212.949

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 54 18 10 N DRAINAGE AREA, 935 km²
LONG 098 26 20 W REGULATED SINCE 1973

KISKITTO LAKE NEAR NORWAY HOUSE - STATION NO. 05UB013

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL
1971	---	---	---
1972	---	---	---
1973	---	---	211.994 ON OCT 22
1974	212.552 AT 1930 CST ON JUN 28	212.491 ON JUN 28	211.964 ON JAN 09 *
1975	---	---	212.153 ON APR 05
1976	213.445 AT 1500 CST ON DEC 30	213.403 ON DEC 30	---
1977	213.512 AT 1359 CST ON OCT 24	213.695 ON OCT 24	213.317 ON APR 05
1978	213.512 AT 2020 CST ON JAN 01	213.512 ON JAN 02	213.013 ON SEP 11
1979	213.622 AT 1400 CST ON JUN 14	213.541 ON JUN 14	213.128 ON APR 13
1980	213.388 AT 1520 CST ON OCT 30	213.330 ON OCT 30	---
1981	213.608 AT 1430 CST ON JUL 08	213.532 ON JUL 08	213.105 ON MAR 28
1982	213.543 AT 1054 CST ON JUN 03	213.509 ON JUN 03	---
1983	213.814 AT 1145 CST ON JUL 16 *	213.664 ON JUL 07	---
1984	213.581 AT 2300 CST ON MAY 31	213.532 ON JUN 10	---
1985	---	---	---
1986	213.410 AT 2000 CST ON JUL 05	213.374 ON JUL 06	213.035 ON SEP 25
1987	213.277 AT 1750 CST ON JUN 13	213.127 ON JUN 02	---
1988	213.150 AT 1313 CST ON JUN 19	---	---
1989	212.770 AT 2357 CST ON MAY 19	212.726 ON JAN 09	212.433 ON AUG 04
1990	213.101 AT 1711 CST ON JUL 01	213.062 ON JUN 19	212.715 ON OCT 02

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KISKITTOGISU LAKE AT WHISKEY JACK LANDING - STATION NO. 05UB017

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1987	---	---	---	---	---	---	---	---	217.456	217.064	216.788	216.532	---
1988	216.339	216.276	216.425	216.814	217.065	217.184	217.175	216.996	216.771	216.655	216.520	---	---
1989	---	---	---	---	---	---	---	217.294	---	---	216.482	---	---
1990	---	---	---	---	216.994	217.283	217.480	217.517	217.259	216.919	---	---	---
MEAN	216.339	216.276	216.425	216.814	217.030	217.234	217.327	217.269	217.162	216.879	216.597	216.532	---

LOCATION - LAT 54 26 20 N
LONG 098 00 20 W REGULATED SINCE 1973

KISKITTOGISU LAKE AT WHISKEY JACK LANDING - STATION NO. 05UB017

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL
1987	---	---	---
1988	217.382 AT 1530 CST ON JUN 30	217.329 ON JUN 30	216.151 ON OCT 29 *
1989	---	217.547 ON JUL 22	---
1990	217.715 AT 1254 CST ON JUL 28 *	217.675 ON AUG 23 *	---

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KISKITTIGISU LAKE NEAR NORWAY HOUSE - STATION NO. 05UB007

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	216.830	216.702	216.579	---	---	---	---	1967
1968	---	---	---	---	---	216.448	216.458	216.423	216.515	---	---	---	---	1968
1969	---	---	---	---	---	216.789	216.808	216.755	216.761	---	---	---	---	1969
1970	---	---	---	---	---	---	217.015	216.899	---	---	---	---	---	1970
1971	---	---	---	---	---	216.918	---	---	216.582	---	---	---	---	1971
1972	216.483	216.514	216.410	216.413	216.765	216.911	216.787	216.673	---	---	216.222	216.343	---	1972
1973	216.249	216.193	216.138	216.121	216.287	216.904	217.168	217.128	216.928	---	216.147	216.175	---	1973
1974	216.269	216.279	216.262	216.314	216.814	217.214	217.285	217.171	216.970	216.909	216.668	216.379	216.714	1974
1975	216.526	216.662	216.519	216.465	216.872	217.043	217.449	217.251	217.436	216.982	216.572	---	---	1975
1976	215.677	215.584	---	---	216.370	---	---	---	---	---	215.711	215.534	---	1976
1977	215.430	---	---	---	---	216.714	216.696	216.627	216.627	216.627	216.042	215.623	---	1977
1978	215.596	---	---	---	---	---	217.589	217.556	217.540	217.195	216.756	216.199	---	1978
1979	216.146	216.073	216.019	215.961	216.355	---	---	217.424	217.517	217.110	216.114	216.215	---	1979
1980	216.209	216.018	215.953	216.504	217.376	217.389	217.487	217.412	217.392	217.010	216.530	216.151	216.788	1980
1981	216.015	215.832	---	---	---	217.130	217.297	---	---	---	---	---	---	1981
1982	---	---	---	---	216.999	217.447	217.586	217.523	217.156	216.783	216.338	216.216	---	1982
1983	216.160	216.076	216.035	---	217.159	217.552	217.630	---	217.363	---	---	---	---	1983
1984	---	---	---	---	217.187	217.363	217.426	217.368	217.001	216.923	216.272	216.099	---	1984
1985	---	---	---	---	---	217.171	217.423	217.543	217.562	---	---	---	---	1985
1986	---	216.184	216.117	216.178	216.596	216.842	217.461	217.515	217.288	217.112	216.293	215.960	---	1986
1987	215.887	215.843	216.068	216.837	217.451	217.583	217.593	---	---	---	---	---	---	1987
MEAN	216.054	216.113	216.169	216.349	216.861	217.089	217.221	217.125	217.076	216.950	216.305	216.081	216.751	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

LOCATION - LAT 54 21 46 N
LONG 098 07 27 W REGULATED SINCE 1973

KISKITTIGISU LAKE NEAR NORWAY HOUSE - STATION NO. 05UB007

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	216.612 ON SEP 16	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	216.981 AT 1716 CST ON MAY 28	216.978 ON JUN 12	---	1971
1972	217.005 AT 0513 CST ON JUN 13	216.975 ON MAY 23	---	1972
1973	217.281 AT 1710 CST ON JUL 11	217.240 ON JUL 15	216.061 ON NOV 10	1973
1974	217.505 AT 1400 CST ON JUL 12	217.414 ON JUL 12	216.189 ON JAN 01	1974
1975	---	---	---	1975
1976	217.871 AT 0710 CST ON SEP 17	217.841 ON SEP 17 *	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	217.922 AT 1530 CST ON AUG 21	217.799 ON AUG 21	215.886 ON NOV 29	1979
1980	217.695 AT 2120 CST ON JUL 29	217.644 ON AUG 29	215.874 ON MAR 11	1980
1981	---	---	215.791 ON FEB 20 *	1981
1982	217.854 AT 0225 CST ON AUG 13	217.810 ON AUG 13	---	1982
1983	---	---	---	1983
1984	217.680 AT 1000 CST ON JUN 30	217.633 ON JUL 01	---	1984
1985	217.936 AT 0630 CST ON SEP 15 *	---	---	1985
1986	217.699 AT 0930 CST ON JUL 30	217.654 ON JUL 30	215.913 ON DEC 31	1986
1987	---	217.703 ON JUN 11	---	1987

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KISSISSING LAKE AT COLD LAKE - STATION NO. 06EA009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	29.988	29.957	---	---	---	---	1981
1982	---	---	---	---	---	---	30.253	30.226	30.170	---	---	---	---	1982
1983	---	---	---	---	---	---	30.463	30.517	30.499	30.518	30.514	---	---	1983
1985	---	---	---	---	---	---	30.657	30.581	30.495	30.434	30.373	30.332	---	1985
1986	30.309	30.272	30.251	30.240	30.410	30.487	30.484	30.504	30.396	30.353	30.296	30.280	30.359	1986
1987	---	---	---	---	---	30.101	30.265	30.187	30.126	30.087	30.060	30.047	---	1987
1988	313.264	313.266	313.271	313.298	313.355	313.359	313.315	313.312	313.329	313.307	313.294	313.280	313.305	1988
1989	313.281	313.271	313.253	313.253	313.319	313.371	313.429	313.339	313.315	313.297	313.318	313.338	313.316	1989
1990	313.338	313.332	313.321	313.304	313.409	313.471	313.443	313.326	313.228	313.175	313.174	313.179	313.308	1990
MEAN	242.548	242.535	242.524	242.526	242.623	200.198	136.539	136.499	124.616	136.391	151.576	171.745	242.572	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1956 ADJ.)

LOCATION - LAT 55 07 50 N
LONG 101 06 50 W DRAINAGE AREA, 2 000 km²

KISSISSING LAKE AT COLD LAKE - STATION NO. 06EA009

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	---	---	1981
1982	---	---	---	1982
1983	30.590 AT 0910 CST ON AUG 19	30.578 ON JUL 27	---	1983
1985	30.728 AT 2110 CST ON JUL 08	30.711 ON JUL 07	---	1985
1986	30.550 AT 2100 CST ON AUG 14	30.535 ON AUG 09	30.223 ON APR 05	1986
1987	30.378 AT 1640 CST ON JUN 13	30.327 ON JUN 13	30.042 ON DEC 28 *	1987
1988	313.413 AT 1813 CST ON JUN 02	313.393 ON JUN 03	313.253 ON JAN 20	1988
1989	313.484 AT 1445 CST ON JUL 02	313.459 ON JUL 02	313.238 ON APR 20	1989
1990	313.519 AT 1536 CST ON JUL 01 *	313.486 ON JUL 01 *	313.152 ON OCT 02	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1956 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE HAMPSON DAM - STATION NO. 050G801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	233.211	232.980	232.839	232.820	---	---	---	1983
1984	---	---	---	---	233.354	233.466	233.245	233.124	233.028	---	---	---	---	1984
1985	---	---	---	---	---	233.224	233.262	---	233.301	233.344	---	---	---	1985
1986	---	---	---	---	---	233.280	233.425	233.272	233.252	233.138	---	---	---	1986
1987	---	---	---	---	233.292	233.296	233.301	233.373	233.425	233.547	---	---	---	1987
1988	---	---	---	---	233.293	233.254	233.310	233.333	233.309	---	---	---	---	1988
MEAN	---	---	---	---	233.313	233.304	233.292	233.216	233.192	233.262	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 43 16 N LONG 097 31 22 W DRAINAGE AREA, 1 790 km² REGULATED SINCE 1955

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE HAMPSON DAM - STATION NO. 050G801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LA SALLE RIVER ABOVE HOGUE DAM - STATION NO. 050G802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	229.457	229.384	229.285	229.249	---	---	---	1983
1984	---	---	---	---	---	---	229.488	229.396	229.295	229.388	---	---	---	1984
1985	---	---	---	---	---	229.423	229.453	---	229.532	229.557	---	---	---	1985
1986	---	---	---	---	---	229.527	---	229.528	229.505	229.588	---	---	---	1986
1987	---	---	---	---	229.553	229.541	229.578	229.597	---	229.649	---	---	---	1987
1988	---	---	---	---	229.541	229.567	229.604	229.640	229.637	229.687	---	---	---	1988
1989	---	---	---	---	---	229.555	229.554	229.523	229.595	229.619	---	---	---	1989
1990	---	---	---	---	---	229.636	229.560	229.493	---	---	---	---	---	1990
MEAN	---	---	---	---	229.547	229.542	229.528	229.509	229.475	229.534	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 41 02 N LONG 097 20 57 W DRAINAGE AREA, 2 170 km² REGULATED SINCE 1953

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE HOGUE DAM - STATION NO. 050G802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	229.713 ON JUN 03 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE LA SALLE DAM (P.R. 330) - STATION NO. 050G808

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	227.758	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	228.955	228.512	228.025	227.905	228.213	228.043	228.066	---	---	---	1986
1987	---	---	---	---	228.012	228.031	228.131	228.011	227.962	228.010	---	---	---	1987
1988	---	---	---	---	228.018	227.918	228.016	228.048	228.015	228.032	---	---	---	1988
1989	---	---	---	---	228.024	228.054	228.012	227.990	228.001	228.059	---	---	---	1989
1990	---	---	---	---	228.033	228.089	228.013	227.928	227.970	228.055	---	---	---	1990
MEAN	---	---	---	228.955	228.119	228.023	228.015	228.024	227.990	227.997	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 41 43 N LONG 097 15 52 W DRAINAGE AREA, 2 360 km² REGULATED SINCE 1961

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1965-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE LA SALLE DAM (P.R. 330) - STATION NO. 050G808

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	229.490 ON APR 04	---	1986
1987	---	231.749 ON APR 10 *	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	228.371 ON JUN 03	227.841 ON AUG 29 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE LEWKO DAM - STATION NO. 050G803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	230.818	230.765	230.703	230.677	---	---	---	1983
1984	---	---	---	---	---	231.025	---	230.785	230.708	---	---	---	---	1984
1985	---	---	---	---	---	230.810	230.807	---	---	230.845	---	---	---	1985
1986	---	---	---	---	---	230.817	230.974	230.846	230.812	---	---	---	---	1986
1987	---	---	---	---	230.855	230.851	230.853	---	230.861	230.874	---	---	---	1987
1988	---	---	---	---	230.834	230.834	230.817	230.815	230.859	---	---	---	---	1988
1989	---	---	---	---	---	230.877	230.850	230.844	230.837	230.842	---	---	---	1989
1990	---	---	---	---	---	230.910	230.856	230.831	---	---	---	---	---	1990
MEAN	---	---	---	---	230.844	230.872	230.854	230.814	230.797	230.809	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 39 05 N LONG 097 23 23 W DRAINAGE AREA, 2 050 km² REGULATED SINCE 1955

DATA CONTRIBUTED BY - MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE LEWKO DAM - STATION NO. 050G803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	231.002 ON JUN 22 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE SANFORD DAM - STATION NO. 050G806

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	232.792	---	232.663	232.328	232.140	232.073	---	---	---	1983
1984	---	---	---	---	---	---	---	---	232.312	---	---	---	---	1984
1985	---	---	---	233.035	232.738	232.597	---	232.919	232.774	---	---	---	---	1985
1986	---	---	---	233.420	232.402	232.823	232.980	232.774	232.619	232.816	---	---	---	1986
1987	---	---	---	---	232.825	232.813	232.811	232.854	232.822	232.835	---	---	---	1987
1988	---	---	---	---	232.757	232.687	232.710	232.755	---	---	---	---	---	1988
1989	---	---	---	---	232.828	232.850	232.815	232.781	---	---	---	---	---	1989
1990	---	---	---	---	232.834	232.871	232.826	232.769	232.795	232.829	---	---	---	1990
MEAN	---	---	---	233.228	232.882	232.773	232.801	232.740	232.577	232.638	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 41 02 N DRAINAGE AREA, 1 820 km²
LONG 097 25 59 W REGULATED SINCE 1941DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE SANFORD DAM - STATION NO. 050G806

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	235.309 ON APR 07 *	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	233.212 ON APR 04	232.745 ON AUG 13 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE ST. NORBERT DAM - STATION NO. 050G804

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	226.112	---	---	---	225.781	225.753	---	---	---	1983
1984	---	---	---	---	---	226.383	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	225.879	225.626	226.328	---	---	---	---	---	1985
1986	---	---	---	---	---	226.112	226.274	226.077	225.890	---	---	---	---	1986
1987	---	---	---	227.156	226.122	226.126	226.121	226.141	225.888	---	---	---	---	1987
1988	---	---	---	---	---	226.819	226.858	226.857	225.970	226.222	---	---	---	1988
1989	---	---	---	---	---	226.232	226.199	226.140	226.154	---	---	---	---	1989
1990	---	---	---	---	---	226.307	226.207	225.971	225.883	226.187	---	---	---	1990
MEAN	---	---	---	227.156	226.117	226.137	226.014	226.086	225.961	226.057	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 43 17 N DRAINAGE AREA, 2 410 km²
LONG 097 14 36 W REGULATED SINCE 1941DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1960-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER ABOVE ST. NORBERT DAM - STATION NO. 050G804

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	228.732 ON APR 10 *	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	226.604 ON JUN 04	225.696 ON SEP 15 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER ABOVE STARBUCK DAM (P.R. 332) - STATION NO. 050G805

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	235.629	---	235.599	235.369	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	235.514	235.360	---	---	---	---	1984
1985	---	---	---	235.820	235.641	235.595	235.630	235.953	235.725	---	---	---	---	1985
1986	---	---	---	236.144	236.022	235.652	235.739	235.656	235.641	---	---	---	---	1986
1987	---	---	---	236.353	---	---	235.662	---	---	---	---	---	---	1987
1988	---	---	---	---	---	235.624	235.648	235.629	---	---	---	---	---	1988
MEAN	---	---	---	236.106	235.764	235.624	235.656	235.624	235.575	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 46 12 N DRAINAGE AREA, 1 710 km²
LONG 097 36 54 W REGULATED SINCE 1961DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1977-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	236.756 ON AUG 19	---	1985
1986	---	---	---	1986
1987	---	238.055 ON APR 09 *	---	1987
1988	---	---	---	1988

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA SALLE RIVER AT ELIE - STATION NO. 050G807

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	238.921	238.995	---	238.918	238.914	---	---	---	1985
1986	---	---	---	---	239.335	239.062	239.240	239.101	238.852	239.104	---	---	---	1986
1987	---	---	---	---	239.126	239.169	239.207	239.094	238.774	---	---	---	---	1987
1988	---	---	---	---	239.056	---	239.203	239.179	239.162	239.218	---	---	---	1988
1989	---	---	---	---	239.167	239.107	239.188	239.161	---	---	---	---	---	1989
1990	---	---	---	---	---	---	---	239.150	---	---	---	---	---	1990
MEAN	---	---	---	---	239.171	239.085	239.167	239.129	238.926	239.079	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 54 05 N DRAINAGE AREA 192 km²
LONG 097 45 52 W REGULATED SINCE 1962DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1973-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LA SALLE RIVER AT ELIE - STATION NO. 050G807

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1985	---	239.373 ON AUG 18	---	1985
1986	---	---	---	1986
1987	---	240.497 ON APR 08 *	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE IRWIN NEAR NEEPAWA - STATION NO. 05LL010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	358.886	358.715	---	---	---	---	---	1960
1961	358.440	---	358.260	358.911	359.178	---	358.632	358.399	358.789	358.850	358.637	---	---	1961
1962	---	---	---	---	359.167	359.110	359.109	359.114	359.063	358.454	358.509	358.486	---	1962
1963	---	---	---	359.162	359.103	359.162	359.115	358.918	---	358.641	358.567	---	---	1963
1964	---	---	---	358.775	359.010	358.986	358.897	---	358.819	358.891	358.858	358.804	---	1964
1965	---	---	358.501	---	359.176	359.021	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	358.654	---	---	---	---	---	1966
1967	358.446	---	---	---	---	359.030	358.957	358.830	358.569	358.597	358.508	---	---	1967
1968	---	---	---	359.092	359.068	359.033	359.015	359.056	359.065	359.052	359.051	359.003	---	1968
1969	358.897	358.843	358.877	---	359.125	359.076	359.177	359.095	359.056	359.057	359.062	---	---	1969
1970	---	359.036	359.057	---	---	359.117	359.085	359.051	359.078	359.076	---	---	---	1970
1971	---	---	---	359.156	359.122	359.213	359.267	359.073	359.044	359.111	---	---	---	1971
1972	359.050	359.080	359.129	359.259	359.140	359.097	---	---	359.045	---	---	359.049	---	1972
1973	---	---	---	359.088	359.093	359.080	359.039	359.119	359.096	359.086	359.063	359.055	---	1973
1974	359.043	359.046	359.054	359.311	359.281	359.119	359.032	358.926	358.970	359.047	359.051	359.038	359.076	1974
1975	359.051	359.049	359.056	---	---	359.092	359.041	359.092	359.090	359.080	359.075	359.039	---	1975
1976	---	---	359.071	359.366	359.114	359.073	359.027	358.944	358.829	358.811	358.955	358.986	---	1976
1977	359.050	359.067	359.049	359.071	359.118	359.105	359.065	---	359.127	359.098	359.086	359.057	---	1977
1978	359.054	359.055	359.066	359.203	359.092	359.043	359.076	358.749	358.681	358.813	358.990	359.053	358.981	1978
1979	359.043	359.042	359.050	359.284	359.260	359.084	358.939	358.691	358.507	358.435	358.573	358.687	358.880	1979
1980	358.788	358.888	359.015	359.100	359.038	358.892	358.778	358.845	359.049	359.054	359.066	359.052	358.963	1980
1981	358.026	358.049	358.081	359.066	359.058	359.050	359.000	358.808	359.052	359.014	359.021	---	---	1981
1982	358.910	358.816	358.812	359.131	359.089	359.059	359.055	358.861	358.862	358.862	358.862	358.862	358.981	1982
1983	358.985	358.949	359.017	359.308	359.113	359.056	359.041	358.846	358.599	358.628	358.751	358.805	358.925	1983
1984	358.721	358.601	358.713	359.089	359.083	359.049	358.864	358.531	358.282	358.527	358.872	358.953	358.774	1984
1985	358.944	358.910	358.963	359.170	359.050	359.026	358.967	358.988	359.049	359.060	359.053	359.048	359.019	1985
1986	358.048	358.050	359.109	359.199	359.140	359.014	359.050	358.780	358.904	359.052	359.014	359.058	---	1986
1987	358.055	358.087	358.070	359.250	358.979	358.861	358.714	358.064	358.948	358.890	359.004	359.041	358.994	1987
1988	358.966	358.903	359.021	359.062	359.062	358.887	358.721	358.430	358.150	358.090	358.134	358.174	358.633	1988
1989	---	---	---	358.902	359.037	359.031	358.957	358.631	358.350	358.101	358.113	---	---	1989
1990	---	---	358.347	359.118	359.081	359.044	358.984	358.670	358.361	358.165	358.179	358.205	---	1990
MEAN	358.918	358.967	358.920	359.134	359.107	359.051	358.988	358.879	358.800	358.809	358.825	358.850	358.932	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 12 48 N DRAINAGE AREA 850 km²
LONG 099 26 38 W REGULATED SINCE 1960

REMARKS - PREVIOUS TO 1988 PUBLISHED UNDER THE NAME "NEEPAWA RESERVOIR NEAR NEEPAWA"

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	359.213 ON MAY 31	358.198 ON MAR 08	1961
1962	---	---	---	1962
1963	359.249 AT 1800 CST ON MAR 29	359.246 ON MAR 29	---	1963
1964	359.182 AT 1515 CST ON MAY 04	359.173 ON MAY 04	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	359.115 AT 0100 CST ON APR 12	359.112 ON APR 12	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	359.377 AT 1415 CST ON JUL 15	359.377 ON JUL 15	---	1971
1972	---	359.460 ON APR 16	---	1972
1973	359.179 AT 0940 CST ON SEP 06	359.176 ON SEP 05	---	1973
1974	359.880 AT 2146 CST ON APR 21 *	359.868 ON APR 21 *	358.887 ON AUG 20	1974
1975	---	---	---	1975
1976	359.801 AT 0448 CST ON APR 10	359.793 ON APR 10	358.731 ON OCT 05	1976
1977	359.170 AT 1127 CST ON SEP 10	359.170 ON SEP 10	---	1977
1978	359.292 AT 2102 CST ON APR 13	359.286 ON APR 13	358.542 ON SEP 11	1978
1979	---	359.808E ON APR 25	358.406 ON OCT 13	1979
1980	359.141 AT 2135 CST ON APR 07	359.139 ON APR 07	358.705 ON JUL 30	1980
1981	359.099 AT 1604 CST ON MAR 31	359.098 ON FEB 24	358.788 ON AUG 04	1981
1982	359.305 AT 0309 CST ON APR 19	359.301 ON APR 19	358.707 ON SEP 27	1982
1983	359.644 AT 2212 CST ON APR 22	359.641 ON APR 22	358.523 ON SEP 29	1983
1984	359.125 AT 1103 CST ON APR 17	359.125 ON APR 17	358.251 ON SEP 07	1984
1985	359.334 AT 2208 CST ON APR 04	359.328 ON APR 05	358.809 ON AUG 03	1985
1986	359.441 AT 0400 CST ON MAR 31	359.439 ON MAR 31	358.749 ON SEP 18	1986
1987	359.592 AT 0206 CST ON APR 08	359.582 ON APR 08	358.668 ON JUL 18	1987
1988	359.101 AT 1048 CST ON APR 07	359.101 ON APR 06	358.064 ON OCT 25 *	1988
1989	359.095 AT 1720 CST ON JUN 15	359.091 ON JUN 16	358.066 ON OCT 26	1989
1990	359.200 AT 0709 CST ON APR 08	359.198 ON APR 07	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	247.879	247.740	247.790	---	---	---	1914
1915	247.728	247.694	247.657	247.648	247.708	247.666	247.633	247.589	247.571	247.561	247.587	247.486	247.627	1915
1916	247.789	247.753	247.729	247.683	247.667	247.611	247.566	247.525	247.572	247.467	247.552	247.546	247.526	1916
1917	247.749	247.755	247.743	247.700	247.656	247.618	247.569	247.525	247.487	247.560	247.554	247.523	247.517	1917
1918	247.521	247.519	247.519	247.500	247.527	247.496	247.469	247.612	247.483	247.560	247.564	247.549	247.537	1918
1919	247.530	247.522	247.519	247.498	247.490	247.445	247.445	247.470	247.533	247.527	247.527	247.273	247.537	1919
1920	247.275	247.267	247.267	247.320	247.383	247.457	247.455	247.424	247.267	247.318	247.283	---	---	1920
1921	247.253	247.243	247.243	247.297	247.363	247.431	247.435	247.418	247.392	247.464	247.476	247.474	247.361	1921
1922	247.490	247.490	247.490	247.506	247.597	247.704	247.804	247.803	247.803	247.781	247.844	247.897	247.719	1922
1923	247.860	247.863	247.871	---	---	---	248.088	248.078	247.957	247.882	247.844	247.814	---	1923
1924	247.852	247.843	247.829	247.845	247.928	247.934	247.955	---	247.775	247.762	247.720	247.715	---	1924
1925	247.699	247.684	247.685	247.777	247.820	247.923	247.947	247.861	247.835	247.866	247.820	247.758	247.807	1925
1926	247.746	247.745	247.724	---	247.703	247.738	247.610	247.521	247.538	247.579	247.534	247.518	---	1926
1927	247.527	247.528	247.528	247.555	247.703	247.738	247.810	247.778	247.778	247.781	247.787	247.778	247.702	1927
1928	247.740	247.708	247.730	247.697	247.735	247.761	247.767	247.717	247.699	247.608	247.619	247.596	247.694	1928
1929	247.522	247.528	247.555	---	247.585	247.588	247.518	247.409	247.335	247.301	247.310	247.298	---	1929
1930	247.258	247.257	247.263	247.313	247.448	247.396	247.419	247.304	247.263	247.274	247.216	247.179	247.299	1930
1931	247.132	247.088	247.102	247.313	247.233	247.154	247.183	247.063	247.116	247.151	247.153	247.139	247.158	1931
1932	247.106	247.091	247.081	247.123	247.180	247.130	247.130	247.083	247.116	247.116	247.116	247.116	247.116	1932
1933	---	247.001	247.023	247.071	247.133	247.132	247.096	247.103	247.082	247.082	247.082	247.082	247.082	1933
1934	246.987	247.011	247.021	247.058	---	247.164	247.149	247.126	247.159	247.159	247.148	247.128	---	1934
1935	247.181	247.204	247.248	247.289	247.341	247.505	247.658	247.652	247.606	247.629	247.566	247.567	247.456	1935
1936	247.571	247.563	247.584	247.593	247.593	247.593	247.593	247.593	247.593	247.593	247.593	247.593	247.593	1936
1937	247.463	247.485	247.484	247.494	247.518	247.518	247.518	247.518	247.518	247.518	247.518	247.518	247.518	1937
1938	247.406	247.410	247.413	247.462	247.518	247.497	247.466	247.411	247.311	247.352	247.254	247.323	247.385	1938
1939	247.227	247.243	247.248	247.254	247.304	---	---	247.265	247.229	247.205	247.135	247.140	---	1939
1940	247.122	247.133	247.135	247.142	247.168	247.206	247.150	247.100	247.034	246.993	246.980	246.937	247.091	1940
1941	246.965	246.978	246.991	247.044	247.091	247.077	247.060	247.050	247.035	247.035	247.007	246.979	247.028	1941
1942	246.983	246.999	247.015	247.081	247.124	247.077	247.095	247.044	247.030	246.999	246.922	246.913	247.024	1942
1943	246.939	246.963	246.986	247.005	247.058	247.124	247.172	247.151	247.088	246.973	246.922	246.913	247.024	1943
1944	246.955	246.965	246.985	246.987	247.071	247.164	247.178	247.116	247.072	247.054	247.045	246.994	247.049	1944
1945	247.005	247.022	247.047	247.120	247.225	247.224	247.200	247.191	247.142	247.101	247.119	247.075	247.123	1945
1946	247.088	247.106	247.128	247.191	247.250	247.250	247.250	247.250	247.250	247.250	247.250	247.250	247.250	1946
1947	247.183	247.217	247.217	247.244	247.350	247.385	247.504	247.500	247.518	247.412	247.436	247.410	247.365	1947
1948	247.449	247.481	247.508	247.542	247.711	247.800	247.799	247.783	247.732	247.683	247.618	247.532	247.662	1948
1949	247.754	247.756	247.749	247.752	247.758	247.709	247.708	247.643	247.630	247.595	247.633	247.564	247.687	1949
1950	247.569	247.566	247.557	247.543	247.594	247.718	247.707	247.671	247.584	247.539	247.604	247.528	247.598	1950
1951	247.510	247.503	247.501	247.501	247.538	247.554	247.513	247.488	247.481	247.457	247.443	247.431	247.493	1951
1952	247.432	247.437	247.433	247.438	247.511	247.524	247.537	247.475	247.475	247.475	247.475	247.475	247.475	1952
1953	247.454	247.469	247.494	247.533	247.606	247.762	247.814	247.769	247.769	247.769	247.769	247.769	247.769	1953
1954	247.851	247.873	247.896	247.922	248.027	248.142	---	248.186	248.240	248.293	---	248.282	---	1954
1955	---	---	---	248.286	248.412	248.576	248.513	248.413	248.290	248.256	---	---	---	1955
1956	---	---	---	248.087	248.160	248.196	248.203	248.115	248.077	248.035	---	---	---	1956
1957	---	---	---	247.914	247.982	248.032	247.923	247.873	247.854	247.793	---	---	---	1957
1958	---	247.718	---	---	---	---	247.506	247.464	247.464	247.464	247.803	247.711	---	1958
1959	---	---	---	---	---	247.581	247.561	247.494	247.486	---	---	---	---	1959
1960	247.527	247.543	---	---	247.638	247.645	---	247.533	247.507	---	---	---	---	1960
1961	---	247.482	---	---	---	---	247.533	---	---	---	---	---	---	1961
1962	---	---	247.533	---	---	---	---	---	---	---	247.349	---	---	1962
1963	---	---	---	---	247.525	247.548	---	247.361	247.324	---	---	---	---	1963
1964	---	---	---	---	---	247.389	247.274	247.246	247.228	---	---	---	---	1964
1965	---	---	---	---	---	247.248	---	247.242	---	---	---	---	---	1965
1966	---	---	---	---	---	247.248	---	---	---	---	---	---	---	1966
1967	---	---	---	---	247.671	247.643	247.563	247.501	247.345	247.408	---	---	---	1967
1968	---	---	---	---	247.547	247.526	247.508	247.505	247.472	247.487	---	---	---	1968
1969	---	---	---	---	247.447	---	247.431	---	---	247.424	---	---	---	1969
MEAN	247.398	247.401	247.399	247.448	247.539	247.555	247.542	247.510	247.495	247.480	247.416	247.430	247.432	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 11 15 N
LONG 098 19 00 W REGULATED

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1914	---	---	---	1914
1915	---	248.095 ON MAY 07	247.440 ON OCT 18	1915
1916	---	248.101 ON SEP 21	247.120 ON OCT 31	1916
1917	---	248.248 ON OCT 11	247.160 ON SEP 24	1917
1918	---	248.275 ON MAY 11	247.382 ON OCT 21	1918
1919	---	---	---	1919
1920	---	247.647 ON MAY 28	247.187 ON SEP 15	1920
1921	---	247.635 ON OCT 06	247.245 ON JAN 02	1921
1922	---	247.946 ON JUN 23	247.476 ON JAN 04	1922
1923	---	---	---	1923
1924	---	247.997 ON AUG 03	247.650 ON OCT 29	1924
1925	---	248.235 ON JUN 08	247.680 ON FEB 15	1925
1926	---	---	247.269 ON OCT 08	1926
1927	---	248.071 ON OCT 11	247.431 ON SEP 14	1927
1928	---	248.052 ON AUG 22	247.443 ON OCT 14	1928
1929	---	248.022 ON JUN 10	---	1929
1930	---	247.808 ON MAY 15	247.132 ON SEP 24	1930
1931	---	247.900 ON AUG 27	247.010 ON OCT 21	1931
1932	---	247.930 ON JUN 30	246.925 ON SEP 11	1932
1933	---	247.552 ON SEP 19	246.952 ON DEC 18	1933
1934	---	247.647 ON OCT 16	246.967 ON JAN 10	1934
1935	---	248.238 ON OCT 02	247.147 ON JAN 01	1935
1936	---	248.018 ON JUL 22	247.245 ON OCT 14	1936
1937	---	248.220 ON JUN 05	247.004 ON OCT 31	1937
1938	---	247.937 ON MAY 05	247.132 ON OCT 29	1938
1939	---	247.854 ON OCT 15	247.095 ON NOV 22	1939
1940	---	247.479 ON JUN 09	246.778 ON NOV 06	1940
1941	---	247.595 ON SEP 05	246.742 ON OCT 10	1941
1942	---	247.546 ON SEP 23	246.665 ON JUN 20	1942
1943	---	247.647 ON SEP 18	246.726 ON OCT 16	1943
1944	---	247.976 ON AUG 30	246.803 ON NOV 05	1944
1945	---	247.580 ON MAY 07	246.909 ON SEP 17	1945
1946	---	248.071 ON MAY 09	246.909 ON SEP 15	1946
1947	---	247.915 ON JUN 09	246.979 ON JUN 20	1947
1948	---	248.098 ON MAY 26	247.388 ON MAY 19	1948
1949	---	248.132 ON NOV 01	247.357 ON OCT 06	1949
1950	---	248.086 ON JUN 15	247.400 ON OCT 23	1950
1951	---	247.760 ON SEP 14	247.324 ON MAY 25	1951
1952	---	247.961 ON SEP 01	247.324 ON OCT 20	1952
1953	---	248.418 ON JUL 04	247.351 ON NOV 06	1953
1954	---	248.753 ON OCT 28	247.802 ON JAN 02	1954
1955	---	248.814 ON MAY 07	---	1955
1956	---	248.668 ON OCT 08	247.860 ON OCT 24	1956
1957	---	248.363 ON JUN 09	247.522 ON DEC 11	1957
1958	---	248.016 ON MAY 19	247.324 ON APR 27	1958
1959	---	247.882 ON OCT 07	247.351 ON MAR 16	1959
1960	---	247.873 ON SEP 21	247.315 ON SEP 28	1960
1961	---	247.784 ON OCT 17	---	1961
1962	---	---	---	1962
1963	---	247.924 ON MAY 21	247.077 ON AUG 15	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	248.092	248.073	248.041	---	---	1923
1924	248.029	248.002	247.970	247.987	248.066	248.104	248.071	---	247.916	---	247.877	---	---	1924
1925	247.846	247.823	247.807	247.845	247.896	---	248.093	248.039	---	247.906	247.926	247.921	---	1925
1926	247.899	247.876	247.846	247.827	247.861	247.771	247.763	247.687	247.679	247.689	247.677	247.702	247.773	1926
1927	247.672	247.646	247.623	247.668	247.767	247.915	247.969	247.914	247.876	247.873	247.858	247.871	247.805	1927
1928	247.859	247.837	247.817	247.836	247.857	247.893	247.921	247.870	247.762	247.721	247.705	247.689	247.814	1928
1929	247.676	247.647	247.629	247.642	247.667	247.688	247.640	247.505	247.407	247.380	247.344	247.376	247.530	1929
1930	247.381	247.383	247.396	247.418	247.457	247.530	247.486	247.415	247.272	247.243	247.232	247.239	247.371	1930
1931	247.257	247.270	---	---	247.248	247.262	247.273	247.222	247.149	247.177	247.134	247.142	---	1931
1932	247.187	247.200	247.208	247.235	247.268	247.247	247.223	247.142	247.082	246.980	247.029	247.078	247.158	1932
1933	247.107	247.113	247.117	247.157	247.167	247.201	247.223	247.089	247.060	246.988	247.042	247.090	247.113	1933
1934	247.128	247.147	247.171	247.197	247.197	247.207	247.223	247.132	247.109	247.177	247.210	247.268	247.181	1934
1935	247.293	247.323	247.354	247.417	247.471	247.551	247.797	247.691	247.672	247.643	247.671	247.698	247.550	1935
1936	247.693	247.693	247.687	247.696	247.759	247.757	247.768	247.640	247.557	247.517	247.534	247.561	247.655	1936
1937	247.593	247.614	247.623	247.614	247.643	247.674	247.659	247.563	247.452	247.469	247.452	247.504	247.572	1937
1938	247.224	247.331	247.342	247.342	247.364	247.377	247.333	247.280	247.239	247.189	247.173	247.197	247.292	1938
1939	247.321	247.329	247.353	247.334	247.345	247.379	247.408	247.271	247.239	247.179	247.173	247.197	247.292	1939
1940	247.203	247.217	247.217	247.220	247.208	247.193	247.170	247.114	247.025	247.005	247.001	247.026	247.133	1940
1941	247.051	247.074	247.090	247.142	247.156	247.159	247.154	247.083	247.054	247.037	247.018	247.122	247.095	1941
1942	247.111	247.111	247.113	247.106	247.122	247.120	247.126	247.080	247.008	246.939	246.936	246.936	247.081	1942
1943	246.951	246.966	246.987	247.056	247.122	247.178	247.188	247.089	247.052	247.043	246.984	247.033	247.058	1943
1944	247.040	247.051	247.056	247.049	247.070	247.103	247.191	247.118	247.077	247.056	247.020	247.068	247.075	1944
1945	247.082	247.096	247.112	247.174	247.212	247.218	247.257	247.214	247.140	247.109	247.108	247.142	247.156	1945
1946	247.239	247.271	247.275	247.276	247.269	247.228	247.282	247.212	247.162	247.199	247.190	247.207	247.214	1946
1947	247.519	247.542	247.564	247.590	247.757	247.802	247.738	247.511	247.466	247.486	247.440	247.473	247.396	1947
1948	247.821	247.808	247.796	247.809	247.817	247.855	247.780	247.734	247.599	247.611	247.601	247.663	247.713	1948
1949	247.663	247.656	247.638	247.618	247.698	247.737	247.780	247.759	247.656	247.645	247.609	247.629	247.674	1949
1950	247.643	247.608	247.603	247.598	247.643	247.630	247.598	247.553	247.501	247.512	247.514	247.536	247.576	1950
1951	247.539	247.516	247.534	247.544	247.511	247.511	247.538	247.485	247.430	247.476	247.494	247.532	247.539	1951
1952	247.538	247.556	247.574	247.611	247.645	247.772	247.900	247.892	247.830	247.870	247.870	247.870	247.870	1952
1953	247.957	247.979	247.981	248.007	248.103	248.249	248.330	248.284	248.316	248.379	248.380	248.396	248.198	1953
1954	248.384	248.370	248.352	248.385	248.491	248.618	248.693	248.539	248.409	248.326	248.271	248.299	248.425	1954
1955	248.467	248.427	248.412	248.418	248.425	248.319	248.293	248.207	248.157	248.112	248.073	248.091	248.205	1955
1956	248.083	248.048	248.012	248.014	248.044	248.056	248.056	247.952	247.872	247.826	247.810	247.823	247.823	1956
1957	247.808	247.791	247.771	247.756	247.731	247.656	247.682	247.554	247.503	247.472	247.472	247.472	247.472	1957
1958	247.534	247.547	247.550	247.545	247.589	247.675	247.676	247.593	247.549	247.542	247.612	247.629	247.587	1958
1959	247.649	247.657	247.641	247.662	247.755	247.775	247.711	247.659	247.580	247.503	247.471	247.521	247.632	1959
1960	247.341	247.353	247.386	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	1960
1961	247.316	247.341	247.375	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	1961
1962	247.385	247.401	247.410	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	247.401	1962
1963	247.326	247.341	247.353	247.376	247.405	247.427	247.437	247.425	247.410	247.405	247.405	247.405	247.405	1963
1964	247.122	247.139	247.187	247.224	247.254	247.351	247.324	247.295	247.273	247.274	247.274	247.274	247.274	1964
1965	247.195	247.180	247.161	247.161	247.161	247.161	247.161	247.161	247.161	247.161	247.161	247.161	247.161	1965
1966	247.571	247.624	247.681	247.681	247.681	247.681	247.681	247.681	247.681	247.681	247.681	247.681	247.681	1966
1967	247.533	247.511	247.471	247.479	247.529	247.569	247.594	247.503	247.472	247.446	247.476	247.532	247.586	1967
1968	247.433	247.431	247.411	247.405	247.447	247.401	247.474	247.470	247.410	247.377	247.389	247.434	247.424	1968
1969	247.465	247.488	247.509	247.513	247.682	247.687	247.632	247.509	247.403	247.392	247.456	---	---	1969
1970	247.587	247.629	247.638	247.647	247.647	247.647	247.632	247.509	247.430	247.440	247.483	---	---	1970
1971	---	---	247.485	247.514	247.620	247.607	247.505	247.486	247.467	247.454	247.462	247.509	247.552	1971
1972	247.465	247.449	247.457	247.467	247.517	247.605	247.591	247.547	247.522	247.541	247.522	---	---	1972
1973	247.561	247.557	247.547	247.541	247.789	247.848	247.707	247.560	247.475	247.449	247.416	247.410	247.572	1973
1974	247.408	247.423	247.418	247.441	247.579	247.656	247.568	247.558	247.574	247.567	247.536	247.526	247.522	1974
1975	247.496	247.452	247.432	247.441	247.538	247.610	247.588	247.538	247.518	247.518	247.518	247.518	247.518	1975
1976	247.415	247.445	247.461	247.479	247.618	247.648	247.595	247.582	247.532	247.560	247.501	247.488	247.516	1976
1977	247.473	247.444	247.412	247.415	247.481	247.492	247.495	247.421	247.423	247.416	247.418	247.446	247.445	1977
1978	247.459	247.460	247.492	247.481	247.616	247.688	247.782	247.607	247.550	247.550	247.471	247.471	247.471	1978
1979	247.514	247.513	247.499	247.478	247.480	247.454	247.445	247.478	247.526	247.450	247.470	247.480	247.482	1979
1980	247.428	247.403	247.383	247.392	247.388	247.437	247.481	247.459	247.446	247.415	247.386	247.372	247.416	1980
1981	247.370	247.388	247.375	247.411	247.463	247.483	247.507	247.446	247.363	247.348	247.371	247.370	247.410	1981
1982	247.422	247.420	247.460	247.515	247.608	247.651	247.647	247.513	247.411	247.406	247.436	247.406	247.436	1982
1983	247.423	247.422	247.413	247.419	247.519	247.594	247.546	247.461	247.362	247.429	247.466	247.530	247.465	1983
1984	247.543	247.550	247.543	247.548	247.551	247.525	247.510	247.506	247.553	247.495	247.522	---	---	1984
1985	247.524	247.510	247.499	247.548	247.578	247.583	247.614	247.599	247.471	247.448	247.402	247.461	247.535	1985
1986	247.458	247.455	247.460	247.536	247.528	247.500	247.460	247.487	247.456	247.430	247.450	247.458	247.475	1986
1987	247.462	247.469	247.458	247.474	247.584	247.563	247.479	247.387	247.334	247.336	247.348	247.381	247.439	1987
1988	247.406	247.422	247.419	247.437	247.474	247.518	247.537	247.450	247.416	247.351	247.361	247.361	247.429	1988
1989	247.373	247.380	247.392	247.413	247.505	247.561	247.546	247.457	247.350	247.306	247.262	247.291	247.403	1989
1990	247.493	247.496	247.501	247.524	247.580	247.602	247.599	247.515	247.479	247.457	247.454	247.463	247.495	1990
MEAN	247.493	247.496	247.501	247.524	247.580	247.602	247.599							

LAKE MANITOBA AT STEEP ROCK - STATION NO. 05LK002
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1923	---	---	---	1923
1924	---	248.208 ON JUN 20	247.751 ON SEP 27	1924
1925	---	248.196 ON JUN 30	247.799 ON MAR 07	1925
1926	---	247.909 ON MAY 26	247.583 ON SEP 23	1926
1927	---	248.031 ON JUL 08	247.613 ON MAR 15	1927
1928	---	247.994 ON JUL 02	247.598 ON OCT 11	1928
1929	---	247.842 ON JUN 18	247.293 ON SEP 17	1929
1930	---	247.629 ON JUN 13	247.202 ON SEP 29	1930
1931	---	247.354 ON APR 15	247.050 ON SEP 10	1931
1932	---	247.385 ON MAY 24	246.897 ON OCT 20	1932
1933	---	247.324 ON JUL 09	246.964 ON OCT 27	1933
1934	---	247.339 ON DEC 13	247.050 ON AUG 31	1934
1935	---	247.842 ON JUL 11	247.278 ON JAN 01	1935
1936	---	247.842 ON JUN 30	247.246 ON OCT 30	1936
1937	---	247.815 ON JUN 19	247.293 ON NOV 15	1937
1938	---	247.629 ON MAY 13	247.232 ON OCT 21	1938
1939	---	247.537 ON JUL 21	247.080 ON NOV 01	1939
1940	---	247.263 ON MAY 31	246.943 ON SEP 28	1940
1941	---	247.263 ON JUN 20	246.943 ON NOV 10	1941
1942	---	247.293 ON MAY 28	246.897 ON OCT 24	1942
1943	---	247.248 ON JUN 11	246.864 ON OCT 14	1943
1944	---	247.251 ON JUL 05	246.864 ON NOV 02	1944
1945	---	247.403 ON OCT 29	247.031 ON NOV 09	1945
1946	---	247.357 ON JUL 22	247.046 ON SEP 06	1946
1947	---	247.601 ON JUL 09	247.181 ON JUN 10	1947
1948	---	247.949 ON SEP 23	247.507 ON JAN 09	1948
1949	---	247.967 ON JUN 29	247.455 ON OCT 19	1949
1950	---	247.906 ON AUG 06	247.449 ON NOV 09	1950
1951	---	247.708 ON MAY 29	247.434 ON SEP 27	1951
1952	---	247.677 ON JUL 06	247.309 ON OCT 06	1952
1953	---	248.089 ON NOV 08	247.388 ON MAY 11	1953
1954	---	248.485 ON OCT 21	247.924 ON JAN 02	1954
1955	---	248.793 ON JUL 08	248.189 ON NOV 08	1955
1956	---	248.409 ON JUN 07	248.019 ON OCT 09	1956
1957	---	248.144 ON JUL 24	247.738 ON NOV 23	1957
1958	---	247.824 ON JAN 05	247.481 ON NOV 18	1958
1959	---	247.763 ON JUN 11	247.367 ON OCT 10	1959
1960	---	247.839 ON JUN 27	247.400 ON NOV 09	1960
1961	---	247.717A ON MAY 22	247.190A ON DEC 01	1961
1962	---	247.589A ON JUN 13	247.263 ON OCT 24	1962
1963	247.885 AT 1500 CST ON JUN 30	247.748 ON JUN 23	247.199 ON NOV 13	1963
1964	247.531 AT 1500 CST ON MAY 18	247.458 ON MAY 14	247.001 ON NOV 20	1964
1965	247.482 AT 1530 CST ON JUN 19	247.443 ON JUN 19	247.117 ON JAN 01	1965
1966	247.943 AT 2040 CST ON AUG 15	247.650 ON JUN 11	247.327 ON NOV 01	1966
1967	247.918 AT 0100 CST ON JUN 04	247.799 ON JUN 03	247.360 ON SEP 25	1967
1968	247.693 AT 1840 CST ON MAY 14	247.635 ON JUN 01	247.357 ON MAY 18	1968
1969	247.653 AT 1406 CST ON JUL 30	247.522 ON JUL 09	247.266 ON NOV 14	1969
1970	247.866 AT 1323 CST ON JUL 01	247.772 ON JUL 01	247.287 ON OCT 06	1970
1971	247.793 AT 0535 CST ON MAY 29	247.687 ON MAY 09	247.354 ON OCT 02	1971
1972	247.772 AT 0550 CST ON JUN 13	247.687 ON MAY 23	247.376 ON SEP 24	1972
1973	247.796 AT 1722 CST ON JUL 11	247.720 ON JUL 02	247.434 ON NOV 04	1973
1974	247.997 AT 2216 CST ON JUN 03	247.933 ON JUN 06	247.327 ON NOV 14	1974
1975	247.879 AT 1358 CST ON JUN 28	247.766 ON JUN 28	247.397 ON JAN 01	1975
1976	247.967 AT 0017 CST ON JUN 02	247.894 ON MAY 26	---	1976
1977	247.799 AT 1810 CST ON JUN 25	247.741 ON MAY 28	247.370 ON NOV 20	1977
1978	247.650 AT 1740 CST ON JUN 16	247.571 ON JUN 16	247.321 ON SEP 12	1978
1979	248.010 AT 2255 CST ON JUN 06	247.953 ON JUN 06	247.394 ON OCT 12	1979
1980	247.613 AT 1155 CST ON AUG 25	247.578 ON AUG 22	247.350 ON OCT 17	1980
1981	247.635 AT 2349 CST ON JUL 07	247.559 ON JUL 02	247.304 ON NOV 19	1981
1982	247.717 AT 2220 CST ON AUG 14	247.583 ON JUL 05	247.241 ON OCT 11	1982
1983	247.764 AT 2226 CST ON JUL 16	247.715 ON JUL 16	247.309 ON SEP 22	1983
1984	247.766 AT 1414 CST ON OCT 16	247.674 ON JUL 01	247.199 ON APR 27	1984
1985	247.718 AT 1516 CST ON JUN 09	247.660A ON SEP 16	247.350A ON OCT 08	1985
1986	247.922 AT 0954 CST ON JUN 02	247.861 ON MAY 16	247.135 ON NOV 08	1986
1987	247.771 AT 1433 CST ON JUN 02	247.610 ON JUN 02	247.354 ON OCT 08	1987
1988	247.734 AT 1135 CST ON JUN 11	247.651 ON MAY 31	247.428 ON SEP 19	1988
1989	247.684 AT 0315 CST ON JUN 20	247.618 ON JUL 02	247.281 ON OCT 01	1989
1990	247.726 AT 0409 CST ON JUN 13	247.637 ON JUN 13	247.212 ON NOV 11	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	247.678	247.668	247.562	247.516	247.445	---	247.534	---	1958
1959	247.551	247.553	247.550	247.567	247.616	247.681	247.678	247.592	247.550	247.603	247.623	247.641	247.601	1959
1960	247.664	247.671	247.661	247.692	247.790	247.795	247.739	247.683	247.588	247.530	247.522	247.551	247.656	1960
1961	247.562	---	247.581	---	247.677	247.673	247.677	247.658	247.557	247.378	247.340	---	---	1961
1962	---	247.537	247.537	247.536	247.561	247.573	247.492	247.458	247.439	247.373	---	---	---	1962
1963	247.420	247.425	247.432	247.503	247.541	247.629	247.613	247.500	247.430	---	247.308	---	---	1963
1964	---	247.366	247.376	247.389	247.418	247.354	247.337	247.218	247.167	247.097	247.083	247.115	---	1964
1965	---	---	247.093	247.120	---	247.367	247.345	247.327	247.307	247.314	247.324	247.376	---	1965
1966	247.416	247.432	247.439	247.490	247.593	247.618	247.600	247.507	247.456	247.367	---	247.495	---	1966
1967	247.563	247.610	247.640	247.682	---	---	247.568	247.492	247.412	---	---	---	---	1967
1969	---	---	---	---	247.450	247.411	---	247.421	---	247.379	247.358	247.409	---	1969
1970	247.440	247.461	247.481	247.497	247.653	247.656	247.581	247.470	---	---	247.418	247.492	---	1970
1971	---	---	247.599	247.613	---	247.587	---	---	247.394	247.397	247.463	---	---	1971
1972	---	247.483	247.476	247.509	247.610	247.587	247.483	247.458	247.419	247.420	247.440	247.444	---	1972
1973	247.449	---	247.443	247.452	247.506	247.564	247.549	247.501	247.492	247.495	247.497	---	---	1973
1974	---	247.545	247.517	247.469	247.778	247.834	247.687	247.537	247.457	247.423	247.391	247.393	---	1974
1975	247.393	247.407	247.407	247.434	247.558	247.653	247.550	247.533	247.556	247.562	247.518	247.502	247.507	1975
1976	247.475	247.438	247.428	247.593	247.873	247.820	247.587	247.534	247.373	247.358	247.320	---	---	1976
1977	247.402	247.422	247.436	247.450	247.565	247.604	247.529	247.447	247.496	247.510	247.482	247.475	247.483	1977
1978	247.473	247.442	247.402	247.411	247.467	247.484	247.486	247.412	247.417	247.396	247.406	247.445	247.437	1978
1979	247.461	247.465	247.497	247.557	247.815	247.891	247.784	247.611	247.531	247.478	247.466	247.507	247.589	1979
1980	247.515	247.511	247.487	247.476	247.456	247.436	247.414	247.412	247.460	247.409	247.438	247.430	247.454	1980
1981	247.419	---	---	---	247.384	247.428	247.433	247.393	247.354	247.372	247.372	247.369	---	1981
1982	247.372	247.367	247.369	---	---	---	247.473	247.422	247.350	247.343	---	---	---	1982
1983	247.406	247.417	247.451	247.503	247.575	247.615	247.615	247.486	247.357	247.362	247.373	247.398	247.464	1983
1984	247.407	247.405	247.403	247.411	247.531	247.594	247.554	247.458	247.368	247.413	247.478	247.531	247.463	1984
1985	247.541	247.552	247.539	247.536	247.534	247.491	247.486	247.478	247.502	247.527	247.512	247.516	247.518	1985
1986	247.507	247.500	247.491	247.555	247.735	247.659	247.598	247.482	247.405	247.422	247.422	247.461	247.520	1986
1987	247.457	247.449	247.478	247.533	247.520	247.481	247.455	247.455	247.444	247.419	247.435	247.443	247.464	1987
1988	247.458	247.465	247.459	247.473	247.564	247.544	247.440	247.365	247.324	247.307	247.341	247.374	247.426	1988
1989	247.403	247.411	247.409	247.417	247.435	247.467	247.465	247.376	247.364	247.311	247.339	247.354	247.396	1989
1990	247.360	247.365	247.368	247.389	247.469	247.521	247.522	247.420	247.320	247.276	247.253	247.287	247.379	1990
MEAN	247.463	247.468	247.464	247.491	247.581	247.590	247.547	247.466	247.420	247.401	247.404	247.441	247.490	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

LOCATION - LAT 51 04 50 N DRAINAGE AREA 79 900 km²
LONG 098 46 50 W REGULATED SINCE 1934

LAKE MANITOBA AT THE NARROWS - STATION NO. 05LK003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	---	---	1958
1959	---	247.867 ON OCT 15	247.272 ON OCT 11	1959
1960	---	247.958 ON JUN 20	247.315 ON OCT 18	1960
1961	---	247.772 ON MAY 26	247.071 ON SEP 13	1961
1962	---	247.681 ON SEP 11	---	1962
1963	247.821 AT 1740 CST ON JUN 30	247.691 ON JUN 11	247.166 ON NOV 12	1963
1964	---	247.492 ON MAY 20	247.010 ON NOV 20	1964
1965	247.589 AT 0845 CST ON JUL 19	247.461 ON JUN 26	247.071 ON APR 04	1965
1966	247.775 AT 2045 CST ON JUL 08	247.672 ON JUN 01	247.242 ON OCT 22	1966
1967	---	---	---	1967
1969	---	247.958A ON MAY 14	247.040A ON AUG 07	1969
1970	247.894 AT 0842 CST ON JUN 25	247.723 ON MAY 28	247.156 ON OCT 06	1970
1971	247.912 AT 1826 CST ON NOV 04	247.671 ON MAY 08	247.156 ON OCT 08	1971
1972	247.863 AT 1637 CST ON OCT 09	247.699 ON JUN 10	247.211 ON OCT 16	1972
1973	247.869 AT 0914 CST ON JUN 09	247.668 ON JUN 24	247.363 ON OCT 09	1973
1974	247.976 AT 0131 CST ON JUN 05	247.912 ON JUN 05	247.184 ON NOV 13	1974
1975	247.976 AT 0740 CST ON JUN 28	247.754 ON JUN 26	247.333 ON SEP 19	1975
1976	248.031 AT 0947 CST ON MAY 18	247.967 ON MAY 18	247.074 ON OCT 15	1976
1977	247.915 AT 1245 CST ON NOV 12	247.744 ON JUN 09	247.266 ON NOV 20	1977
1978	247.818 AT 1605 CST ON JUN 09	247.671 ON JUN 09	247.248 ON OCT 05	1978
1979	248.071 AT 1100 CST ON JUN 13	247.958 ON JUN 13	247.186 ON NOV 01	1979
1980	247.614 AT 1800 CST ON SEP 23	247.568A ON SEP 23	247.127 ON OCT 10	1980
1981	247.768 AT 0620 CST ON OCT 26	247.582 ON OCT 02	247.131 ON SEP 27	1981
1982	247.694 AT 1127 CST ON AUG 12	247.579 ON AUG 12	247.139 ON OCT 10	1982
1983	247.866 AT 1742 CST ON JUL 09	247.671 ON SEP 17	247.173 ON SEP 20	1983
1984	248.104 AT 1221 CST ON OCT 16	247.725 ON OCT 16	246.970 ON APR 27	1984
1985	247.817 AT 1238 CST ON SEP 21	247.687 ON SEP 21	247.282 ON AUG 17	1985
1986	248.003 AT 1402 CST ON JUN 02	247.821 ON MAY 19	247.120 ON NOV 08	1986
1987	247.710 AT 0502 CST ON MAY 15	247.612 ON MAY 17	247.145 ON OCT 05	1987
1988	247.983 AT 1041 CST ON OCT 22	247.666 ON MAY 17	247.107 ON SEP 19	1988
1989	247.742 AT 0536 CST ON NOV 03	247.558 ON MAY 16	247.071 ON OCT 01	1989
1990	247.896 AT 1636 CST ON JUL 06	247.661 ON JUL 06	247.080 ON SEP 21	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA NEAR MEADOW PORTAGE - STATION NO. 05LK001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	247.515	247.492	---	247.431	247.276	247.318	---	---	1952
1954	---	---	---	---	---	248.183	248.273	---	248.230	248.271	---	---	---	1954
1955	---	---	---	---	248.410	248.494	248.528	248.462	248.299	---	---	---	---	1955
1956	---	---	---	---	---	248.284	248.186	248.077	---	248.037	---	---	---	1956
1957	---	---	---	---	---	247.973	247.992	247.914	247.791	247.756	---	---	---	1957
1958	---	---	---	---	---	247.536	247.467	247.393	247.430	247.363	---	---	---	1958
1959	---	---	---	---	---	247.584	247.577	247.504	247.422	247.432	247.498	247.521	---	1959
1960	247.542	247.545	247.539	247.524	247.679	247.674	247.526	247.497	247.477	247.324	247.379	247.394	247.508	1960
1961	247.418	247.415	247.450	247.490	247.525	247.548	247.452	247.353	247.236	247.168	247.104	247.214	247.364	1961
1962	247.207	247.225	247.273	247.294	247.327	247.437	247.436	247.327	---	---	---	---	---	1962
1963	247.281	247.263	247.266	247.294	247.395	247.525	247.509	247.413	247.303	247.262	247.122	247.208	247.321	1963
1964	247.233	247.248	247.245	247.262	247.303	247.225	247.235	---	247.091	---	---	247.011	---	1964
1965	247.050	---	---	---	247.197	247.227	247.298	247.231	247.164	247.158	247.178	247.250	---	1965
1966	247.294	247.321	247.320	247.380	247.505	247.550	247.519	247.403	247.356	---	247.319	247.426	---	1966
1967	247.481	247.557	247.554	247.595	---	247.625	247.475	247.486	247.389	247.338	247.383	247.452	---	1967
1968	247.454	247.427	247.391	---	247.468	247.483	---	---	---	---	---	---	---	1968
MEAN	247.329	247.371	247.380	247.406	247.534	247.679	247.664	247.588	247.509	247.490	247.284	247.308	247.398	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 37 15 N
LONG 099 34 30 W REGULATED SINCE 1934

LAKE MANITOBA NEAR MEADOW PORTAGE - STATION NO. 05LK001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1952	---	---	---	1952
1954	---	248.473 ON JUL 06	247.848 ON MAY 24	1954
1955	---	248.723 ON MAY 31 *	---	1955
1956	---	---	---	1956
1957	---	248.037 ON JUL 25	---	1957
1958	---	247.711 ON JAN 01	---	1958
1959	---	247.650 ON JUN 15	247.382 ON OCT 14	1959
1960	---	247.735 ON JUN 23	247.257 ON OCT 17	1960
1961	---	247.586 ON JUN 11	247.040 ON NOV 04	1961
1962	---	247.507 ON JUL 06	247.196 ON JAN 23	1962
1963	---	247.589 ON JUN 23	247.016 ON NOV 12 *	1963
1964	---	247.373 ON MAY 18	---	1964
1965	---	247.373 ON JUL 22	---	1965
1966	---	247.662 ON JUN 01	247.205 ON NOV 01	1966
1967	---	247.677 ON MAY 23	247.229 ON SEP 23	1967
1968	---	---	---	1968

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA NEAR TOUTES AIDES - STATION NO. 05LK004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	---	247.334	---	1969
1970	247.362	247.388	247.404	247.403	247.581	247.614	247.519	247.400	247.301	247.285	247.354	---	---	1970
1971	---	---	---	---	247.562	247.547	247.412	247.395	247.329	247.322	247.356	247.408	---	1971
1972	247.407	247.396	247.387	247.420	247.584	247.546	247.402	247.390	247.317	247.320	247.381	---	---	1972
1973	---	247.355	247.370	247.380	247.439	247.529	247.470	247.455	247.421	247.426	247.412	---	---	1973
1974	---	247.463	247.451	247.446	247.710	247.752	247.609	247.488	247.388	247.360	247.324	247.326	---	1974
1975	247.320	247.335	247.332	247.364	247.493	247.624	247.458	247.469	247.495	247.496	247.445	---	---	1975
1976	247.407	---	---	247.502	247.771	247.746	247.618	247.489	247.321	247.224	247.235	---	---	1976
1977	247.316	247.344	247.363	247.383	247.549	247.533	247.453	247.334	247.436	247.433	247.383	247.385	247.411	1977
1978	247.393	247.359	247.323	247.330	247.448	247.437	247.414	247.338	247.379	247.310	247.328	247.362	247.369	1978
1979	247.382	247.396	247.416	247.465	247.724	---	---	---	---	---	247.380	247.431	---	1979
1980	247.424	247.421	247.405	247.376	247.383	247.370	247.310	247.339	247.406	247.315	247.349	247.339	247.369	1980
1981	247.326	247.307	247.300	247.318	247.458	247.369	247.405	247.344	247.326	247.345	247.310	247.290	247.313	1981
1982	247.285	247.299	247.301	247.389	247.396	247.393	247.429	247.349	247.278	247.264	247.281	247.322	247.332	1982
1983	247.337	247.339	247.364	247.406	247.523	247.560	247.561	247.427	247.275	247.315	247.407	247.324	247.404	1983
1984	247.327	247.337	247.321	247.368	247.455	247.556	247.488	247.416	247.305	247.386	247.393	247.452	247.401	1984
1985	247.464	247.471	247.463	247.467	247.476	247.448	247.419	247.447	247.454	247.458	247.455	247.447	247.456	1985
1986	247.440	247.426	247.415	247.482	247.717	247.602	247.530	247.416	247.360	247.360	247.329	247.389	247.457	1986
1987	247.383	247.372	247.399	247.471	247.487	247.410	247.398	247.369	247.368	247.334	247.360	247.370	247.394	1987
1988	247.379	247.383	247.377	247.405	247.539	247.540	247.398	247.308	247.235	247.214	247.279	247.303	247.363	1988
1989	247.338	247.341	247.333	247.342	247.401	247.461	247.467	247.381	247.298	247.247	247.265	247.275	247.346	1989
1990	247.283	247.284	247.294	247.319	247.426	247.493	247.459	247.369	247.258	247.190	247.151	247.210	247.312	1990
MEAN	247.365	247.369	247.369	247.402	247.523	247.527	247.461	247.397	247.347	247.331	247.342	247.351	247.381	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

LOCATION - LAT 51 31 18 N DRAINAGE AREA, 79 900 km²
LONG 099 32 23 W REGULATED SINCE 1934

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL			MAXIMUM DAILY WATER LEVEL			MINIMUM DAILY WATER LEVEL			YEAR
1969	---			---			---			1969
1970	247.805	AT 1557	CST ON JUN 23	247.702	ON JUN 28		247.092	ON OCT 03		1970
1971	247.797	AT 0081	CST ON JUL 25	247.671	ON JUN 06		247.159	ON NOV 07		1971
1972	247.769	AT 2250	CST ON JUN 18	247.644	ON JUN 11		247.171	ON OCT 18		1972
1973	247.802	AT 1947	CST ON AUG 18	247.616	ON JUN 02		247.260	ON NOV 05		1973
1974	248.016	AT 2111	CST ON JUN 25	247.839	ON MAY 27		247.181	ON NOV 15		1974
1975	247.876	AT 0636	CST ON JUN 28	247.793	ON JUN 28		247.296	ON JAN 11		1975
1976	247.964	AT 1408	CST ON JUN 04	247.900	ON MAY 26		247.092	ON OCT 21		1976
1977	247.836	AT 1922	CST ON JUN 25	247.705	ON MAY 26		247.205	ON AUG 11		1977
1978	247.644	AT 2155	CST ON MAY 16	247.601	ON MAY 16		247.208	ON AUG 03		1978
1979	---			---			---			1979
1980	247.581	AT 0018	CST ON MAY 29	247.500	ON MAY 28		247.139	ON AUG 22		1980
1981	247.663	AT 0925	CST ON MAY 22	247.526	ON JUL 02		247.125	ON OCT 21		1981
1982	247.673	AT 0100	CST ON JUL 17	247.596	ON JUL 03		247.143	ON NOV 04		1982
1983	247.745	AT 1004	CST ON JUL 10	247.673	ON JUN 19		247.099	ON SEP 22		1983
1984	247.718	AT 0431	CST ON JUN 23	247.659	ON JUN 30		247.174	ON APR 29		1984
1985	247.697	AT 1326	CST ON APR 29	247.624	ON SEP 15		247.235	ON SEP 25		1985
1986	247.899	AT 1929	CST ON MAY 21	247.863	ON MAY 21		247.171	ON SEP 07		1986
1987	247.653	AT 1654	CST ON OCT 08	247.532	ON MAY 28		247.235	ON OCT 20		1987
1988	247.725	AT 1735	CST ON JUN 24	247.659	ON JUN 09		247.048	ON OCT 28		1988
1989	247.702	AT 1835	CST ON JUN 12	247.600	ON JUN 12		247.114	ON OCT 06		1989
1990	247.751	AT 1918	CST ON JUN 01	247.599	ON JUN 02		247.037	ON NOV 03		1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1926 ADJUSTMENT

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MANITOBA NEAR WESTBOURNE - STATION NO. 05LL012

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	247.144	247.124	---	1964
1965	247.149	247.172	247.185	---	---	---	---	---	247.316	247.320	247.326	247.350	---	1965
1966	247.387	247.385	247.391	247.434	247.545	---	---	247.497	247.427	247.442	247.447	247.505	---	1966
1967	247.539	247.572	247.574	247.625	247.679	---	---	247.490	247.329	---	---	---	---	1967
1968	---	---	---	---	247.641	247.611	247.548	247.532	247.503	247.514	247.445	247.426	---	1968
1969	247.420	247.395	247.363	---	247.477	---	247.472	247.487	247.435	247.454	247.418	247.410	---	1969
1970	---	---	247.440	247.499	247.675	247.655	247.559	247.486	247.419	247.405	247.454	247.505	---	1970
1971	247.553	247.598	247.599	247.615	247.634	247.590	247.559	247.453	247.421	247.535	247.509	---	---	1971
1972	---	247.505	247.516	247.528	247.618	247.550	247.511	247.454	247.395	---	---	247.435	---	1972
1973	247.432	247.428	247.428	247.472	---	247.618	247.553	247.502	247.516	247.552	247.549	247.540	---	1973
1974	---	247.539	247.521	---	247.807	247.865	247.706	247.529	247.501	247.431	247.429	247.382	---	1974
1975	247.384	247.404	247.409	247.450	247.587	247.632	247.585	247.576	247.625	247.613	247.530	247.499	247.525	1975
1976	247.478	247.446	247.439	247.658	247.954	247.855	247.693	247.518	247.407	247.338	---	247.367	---	1976
1977	247.398	247.426	247.439	247.456	247.542	247.602	247.535	247.470	247.518	247.482	247.485	247.476	247.486	1977
1978	247.473	247.441	247.397	247.430	247.452	247.491	247.465	247.418	247.377	247.420	247.419	247.436	247.435	1978
1979	247.454	247.475	247.475	247.540	247.841	247.866	247.758	247.645	247.556	247.512	247.511	247.491	247.594	1979
1980	247.490	247.488	247.468	247.443	247.482	247.418	247.387	247.416	247.441	247.487	247.424	247.427	247.448	1980
1981	247.401	247.382	247.375	247.399	247.449	247.450	247.372	247.404	247.357	247.338	247.373	247.367	247.389	1981
1982	247.356	247.365	247.360	247.400	247.487	---	---	247.427	247.379	---	---	247.379	---	1982
1983	247.387	247.399	247.435	247.530	247.587	247.649	247.578	247.452	247.341	247.346	247.321	247.380	247.451	1983
1984	247.381	247.386	247.393	247.488	247.545	247.587	247.535	247.408	247.391	247.451	247.533	247.508	247.467	1984
1985	247.525	247.533	247.551	247.536	247.555	247.545	247.494	247.505	247.513	---	247.500	247.504	---	1985
1986	247.491	247.478	247.504	247.583	247.762	---	247.578	---	---	247.425	---	---	---	1986
1987	247.457	247.459	247.434	---	---	247.451	247.459	---	---	---	247.431	247.428	---	1987
1988	247.423	247.435	247.436	247.468	247.587	247.474	247.431	247.387	247.363	247.350	247.360	247.354	247.423	1988
1989	247.379	247.391	247.417	247.527	247.629	247.556	247.495	247.406	247.388	247.373	247.349	247.345	247.438	1989
1990	247.354	---	---	247.421	247.490	247.563	247.522	247.419	247.363	247.266	247.270	247.278	---	1990
MEAN	247.423	247.439	247.440	247.500	247.610	247.601	247.536	247.473	247.428	247.431	247.419	247.413	247.466	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1935 ADJ.)

LOCATION - LAT 50 15 15 N DRAINAGE AREA 79 900 km²
LONG 098 34 50 W REGULATED SINCE 1934

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	---	---	---	1965
1966	247.958 AT 2230 CST ON MAY 26	247.687 ON JUN 07	247.309 ON SEP 20	1966
1967	---	248.202 ON MAY 17	---	1967
1968	---	247.766 ON JUN 01	247.272 ON SEP 19	1968
1969	248.019 AT 0040 CST ON JUN 01	---	---	1969
1970	248.129 AT 1629 CST ON JUN 17	247.894 ON MAY 25	---	1970
1971	248.189 AT 0510 CST ON JUL 25	247.778 ON MAY 17	---	1971
1972	---	247.744 ON MAY 29	247.123 ON SEP 20	1972
1973	248.299 AT 2330 CST ON AUG 18	247.848 ON JUN 20	247.217 ON JUN 04	1973
1974	248.348 AT 2312 CST ON JUN 14	248.043 ON JUN 15	247.202 ON AUG 15	1974
1975	248.241 AT 0811 CST ON AUG 08	247.967 ON OCT 14	247.370 ON JAN 11	1975
1976	248.424 AT 1911 CST ON MAY 01	248.141 ON MAY 02	247.092 ON OCT 04	1976
1977	248.369 AT 1647 CST ON NOV 20	247.985 ON NOV 20	247.202 ON NOV 02	1977
1978	248.305 AT 1850 CST ON JUN 19	247.790 ON JUN 19	247.223 ON NOV 05	1978
1979	248.265 AT 0250 CST ON JUN 21	248.049 ON JUN 21	247.348 ON OCT 26	1979
1980	248.018 AT 2014 CST ON OCT 17	247.888 ON OCT 17	247.239 ON JUN 24	1980
1981	248.032 AT 2007 CST ON NOV 07	247.669 ON MAY 23	247.118 ON OCT 13	1981
1982	---	---	---	1982
1983	248.055 AT 1446 CST ON MAY 28	247.803 ON JUL 04	247.126 ON NOV 04	1983
1984	248.228 AT 1636 CST ON APR 27	248.106 ON APR 27	247.207 ON SEP 06	1984
1985	---	---	247.341 ON SEP 21	1985
1986	---	248.327A ON NOV 08 *	247.323 ON OCT 30	1986
1987	---	247.936A ON OCT 05	247.265 ON JUN 02	1987
1988	248.353 AT 1940 CST ON JUN 24	247.724 ON MAY 08	247.156 ON AUG 22	1988
1989	248.350 AT 1520 CST ON MAY 04	247.992 ON JUN 12	247.174 ON NOV 03	1989
1990	248.131 AT 2342 CST ON JUN 02	247.918 ON JUN 02	247.097 ON NOV 22	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1935 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE MINNEWASTA NEAR MORDEN - STATION NO. 05OC027

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	328.369	329.749	329.589	329.356	329.190	329.045	328.836	328.621	328.449	328.305	---	1987
1988	328.165	328.032	328.287	329.567	329.363	328.006	327.632	327.137	326.665	326.386	326.130	325.941	327.440	1988
1989	325.730	325.524	329.287	326.451	327.642	327.519	327.291	326.832	326.505	326.202	325.949	325.715	326.392	1989
1990	325.525	325.312	325.842	329.220	329.298	329.444	329.585	329.247	328.924	328.648	328.448	328.300	328.163	1990
MEAN	326.473	326.289	326.946	328.497	328.723	328.581	328.424	328.065	327.733	327.464	327.244	327.065	327.332	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 10 55 N DRAINAGE AREA, 130 km²
LONG 098 08 04 W REGULATED

REMARKS - 1960-86 DATA CAN BE OBTAINED FROM MAN. WATER RESOURCES BRANCH UNDER "MORDEN RESERVOIR NEAR MORDEN", STA. NO. 05OC801

LAKE MINNEWASTA NEAR MORDEN - STATION NO. 05OC027

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1987	330.237 AT 0344 CST ON APR 05 *	330.132 ON APR 05 *	328.236 ON DEC 31	1987
1988	328.636 AT 1738 CST ON APR 06	328.632 ON APR 06	325.831 ON DEC 31	1988
1989	327.741 AT 1656 CST ON MAY 01	327.734 ON MAY 01	325.178 ON APR 01	1989
1990	329.693 AT 1649 CST ON JUL 09	329.690 ON JUL 09	325.144 ON MAR 09 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	420.579	---	---	---	---	420.900	420.972	---	---	1969
1970	---	---	---	---	---	---	---	---	421.203	421.211	---	---	---	1970
1971	421.588	---	---	423.189	427.581	427.662	427.711	427.379	427.547	427.207	426.894	426.410	---	1971
1972	---	425.180	---	---	---	---	427.502	427.315	427.355	427.122	426.700	426.327	---	1972
1973	425.126	424.552	424.247	424.530	425.098	425.675	426.215	426.448	426.430	426.254	425.978	425.623	425.526	1973
1974	425.256	---	---	424.233	---	429.851	428.452	427.020	---	---	426.508	---	---	1974
1975	---	424.862	424.282	424.471	429.637	429.721	428.992	427.602	427.145	---	426.743	425.997	---	1975
1976	425.210	424.442	---	---	---	426.708	428.728	427.570	---	---	---	426.131	---	1976
1977	425.757	424.582	425.434	425.876	426.676	426.918	426.859	426.712	426.644	426.786	426.574	426.055	426.318	1977
1978	425.490	424.792	424.033	424.587	426.107	426.403	426.534	426.524	426.459	426.378	426.599	426.580	426.796	1978
1979	425.681	425.263	424.476	423.629	429.069	429.665	428.227	427.441	427.341	427.053	426.665	426.187	426.736	1979
1980	425.669	425.144	424.561	425.273	426.950	426.899	426.760	426.574	426.427	426.272	426.067	425.753	426.033	1980
1981	425.322	424.976	424.873	425.412	425.838	426.065	426.275	426.327	426.215	426.092	425.949	425.626	425.752	1981
1982	425.446	424.683	424.433	424.779	425.763	426.037	426.146	426.814	426.621	426.786	426.707	426.236	425.887	1982
1983	425.450	424.588	424.433	424.766	427.621	427.424	426.859	426.711	426.584	426.006	425.584	426.103	426.480	1983
1984	425.363	424.726	424.538	426.023	426.966	427.650	427.547	427.248	427.027	426.882	426.495	425.980	426.375	1984
1985	425.238	424.400	423.290	424.951	428.517	427.761	427.668	427.581	427.550	427.433	427.071	426.409	426.502	1985
1986	425.661	424.958	424.454	426.899	428.046	427.531	427.587	427.598	427.333	427.183	426.891	426.308	426.696	1986
1987	425.700	425.925	424.925	426.663	---	427.730	427.593	427.430	427.078	426.784	426.487	426.113	---	1987
1988	425.762	425.652	425.722	427.670	429.561	429.003	427.847	427.445	427.028	426.915	426.491	426.641	427.173	1988
1989	426.466	426.266	425.979	426.101	426.370	---	426.632	426.573	426.467	---	426.410	426.324	426.379	1989
1990	426.140	425.833	425.318	425.825	426.640	428.915	428.497	427.898	427.588	427.347	427.053	426.797	427.163	1990
MEAN	425.351	425.086	424.700	425.271	427.001	427.692	427.484	427.161	426.660	426.209	426.287	426.138	426.344	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 57 58 N DRAINAGE AREA, 17 900 km²
LONG 101 25 21 W REGULATED SINCE 1969

LAKE OF THE PRAIRIES NEAR SHELLMOUTH - STATION NO. 05MD009

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1969	---	---	---	1969
1970	---	---	---	1970
1971	427.903 AT 1315 CST ON MAY 12	427.875 ON MAY 12	421.249 ON APR 05 *	1971
1972	429.481 AT 1130 CST ON MAY 12	429.469 ON MAY 12	---	1972
1973	426.604 AT 1710 CST ON AUG 18	426.513 ON SEP 04	424.193 ON MAR 20	1973
1974	430.085 AT 1705 CST ON JUN 14	430.048 ON JUN 08	423.096 ON APR 17	1974
1975	430.274 AT 1405 CST ON MAY 13 *	430.225 ON MAY 13 *	423.928 ON APR 04	1975
1976	429.603 AT 1414 CST ON MAY 04	429.558 ON MAY 04	---	1976
1977	427.013 AT 1636 CST ON JUN 17	426.949 ON JUN 18	425.419 ON MAR 01	1977
1978	426.659 AT 1640 CST ON JUL 12	426.571 ON JUL 18	423.882 ON MAR 27	1978
1979	430.021 AT 1550 CST ON JUN 01	429.980 ON JUN 01	422.737 ON APR 18	1979
1980	427.090 AT 1930 CST ON MAY 28	427.024 ON MAY 29	424.202 ON APR 04	1980
1981	426.410 AT 1327 CST ON AUG 13	426.385 ON AUG 14	424.790 ON MAR 11	1981
1982	426.966 AT 2251 CST ON AUG 07	426.915 ON AUG 08	424.397 ON MAR 24	1982
1983	427.857 AT 1208 CST ON JUL 10	427.842 ON JUL 10	424.352 ON APR 07	1983
1984	427.823 AT 1607 CST ON JUN 23	427.778 ON JUN 26	424.448 ON MAR 13	1984
1985	428.700 AT 1527 CST ON MAY 11	428.692 ON MAY 11	422.797 ON APR 02	1985
1986	428.190 AT 0125 CST ON MAY 06	428.159 ON MAY 05	423.918 ON MAR 28	1986
1987	427.802 AT 1755 CST ON MAY 23	427.790 ON JUN 03	424.917 ON MAR 09	1987
1988	429.943 AT 1544 CST ON MAY 21	429.866 ON MAY 21	425.630 ON FEB 23	1988
1989	426.797 AT 2030 CST ON JUL 11	426.723 ON JUL 26	425.877 ON MAR 31	1989
1990	429.028 AT 1756 CST ON JUN 02	429.017 ON JUN 08	424.704 ON APR 05	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE ST. MARTIN AT SANDY BAY - STATION NO. 05LM003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	244.336	244.406	---	---	---	1954
1955	---	---	---	---	---	---	244.719	244.604	244.436	---	---	---	---	1955
1957	---	---	---	---	---	---	---	243.754	243.724	---	---	---	---	1957
1958	243.677	243.796	243.865	---	---	---	---	---	---	243.009	---	---	---	1958
1959	243.160	243.118	243.198	243.185	243.185	---	---	243.004	242.957	242.878	242.930	243.090	---	1959
1960	---	---	243.359	243.447	---	---	243.283	243.206	---	243.081	242.980	242.896	---	1960
1961	242.808	242.531	242.462	---	---	242.586	242.492	242.654	---	242.473	242.406	---	---	1961
1962	---	---	---	---	---	242.381	---	242.348	242.371	242.342	---	---	---	1962
1963	---	---	242.502	---	242.699	242.634	242.680	242.957	242.881	242.659	242.557	---	---	1963
1964	---	---	---	242.729	---	---	242.459	242.362	242.318	242.243	242.254	---	---	1964
1965	---	---	---	---	---	242.480	242.435	---	242.427	---	---	---	---	1965
MEAN	243.215	243.148	243.077	243.120	242.942	242.520	243.011	243.111	243.181	242.886	242.625	242.993	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 42 00 N
LONG 098 33 00 W

LAKE ST. MARTIN AT SANDY BAY - STATION NO. 05LM003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	---	---	1954
1955	---	---	---	1955
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	242.849 ON DEC 31	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	242.974 ON AUG 11 *	242.462 ON JAN 18	1964
		242.791 ON MAY 05	242.225 ON OCT 27 *	
1965	---	---	---	1965

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE ST. MARTIN NEAR HILBRE - STATION NO. 05LM005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	243.022	---	---	243.336	243.115	---	242.822	---	1966
1967	243.787	243.811	---	---	---	244.306	244.215	244.002	---	243.062	242.841	242.848	---	1967
1968	243.295	243.764	---	---	---	243.303	243.460	243.494	243.401	243.345	243.367	---	---	1968
1969	243.619	243.713	243.847	243.707	243.336	243.495	---	243.210	243.122	243.076	242.910	242.839	---	1969
1970	243.824	243.827	242.893	243.267	---	243.897	---	244.093	243.814	243.534	243.121	242.931	---	1970
1971	243.825	243.792	243.017	---	244.153	244.198	244.153	243.812	243.377	243.229	243.245	243.420	---	1971
1972	243.825	243.792	243.017	---	244.153	244.198	244.153	243.812	243.377	243.229	243.245	243.420	---	1972
1973	243.825	243.792	243.017	---	244.153	244.198	244.153	243.812	243.377	243.229	243.245	243.420	---	1973
1974	243.825	243.792	243.017	---	244.153	244.198	244.153	243.812	243.377	243.229	243.245	243.420	---	1974
1975	243.848	243.846	243.747	243.713	243.819	244.026	244.182	244.020	243.821	244.072	244.140	244.229	243.956	1975
1976	243.848	243.846	243.747	243.713	243.819	244.026	244.182	244.020	243.821	244.072	244.140	244.229	243.956	1976
1977	243.848	243.846	243.747	243.713	243.819	244.026	244.182	244.020	243.821	244.072	244.140	244.229	243.956	1977
1978	243.848	243.846	243.747	243.713	243.819	244.026	244.182	244.020	243.821	244.072	244.140	244.229	243.956	1978
1979	243.848	243.846	243.747	243.713	243.819	244.026	244.182	244.020	243.821	244.072	244.140	244.229	243.956	1979
1980	243.780	243.881	243.912	243.806	243.488	243.096	242.837	242.780	243.033	243.194	243.185	242.747	243.350	1980
1981	243.342	243.442	243.430	243.207	242.969	242.853	242.730	242.744	242.732	242.738	242.768	242.740	242.972	1981
1982	---	---	---	---	---	242.895	242.763	242.744	242.732	242.738	242.768	242.740	242.972	1982
1983	242.789	242.830	242.935	242.990	243.110	243.303	243.613	243.666	243.428	243.175	243.110	243.129	243.177	1983
1984	---	---	---	---	---	243.083	243.434	243.566	243.283	243.120	243.108	243.210	---	1984
1985	---	---	243.691	243.744	243.636	243.597	243.490	243.213	243.128	243.184	243.313	243.478	---	1985
1986	243.605	243.697	243.724	243.724	243.636	243.597	243.490	243.213	243.128	243.184	243.313	243.478	---	1986
1987	243.418	243.496	243.570	243.653	243.723	243.672	243.558	243.213	243.128	243.184	243.313	243.478	---	1987
1988	243.049	243.477	243.584	243.669	243.723	243.672	243.558	243.213	243.128	243.184	243.313	243.478	---	1988
1989	242.793	242.915	243.029	243.067	243.307	243.619	243.782	243.404	243.128	243.184	243.313	243.478	---	1989
1990	243.118	243.272	243.383	243.375	243.244	243.161	---	---	243.123	242.936	242.877	242.918	---	1990
MEAN	243.306	243.400	243.483	243.528	243.584	243.579	243.648	243.509	243.263	243.152	243.123	243.163	243.362	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

LOCATION - LAT 51 30 33 N LONG 098 31 38 W DRAINAGE AREA, 82 300 km² REGULATED

LAKE ST. MARTIN NEAR HILBRE - STATION NO. 05LM005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1966	---	---	---	1966
1967	---	244.437 ON JUN 10	242.773 ON JAN 18	1967
1968	---	243.895 ON MAR 23	243.060 ON JAN 01	1968
1969	---	243.803 ON MAR 17	242.819 ON DEC 30	1969
1970	---	244.242 ON AUG 02	242.816 ON JAN 12	1970
1971	---	244.291A ON MAY 17	242.785A ON FEB 21	1971
1972	244.154 AT 0113 CST ON JUN 15	244.087 ON JUL 01	242.639 ON OCT 19	1972
1973	243.599 AT 1847 CST ON JUL 29	243.550 ON AUG 09	242.712 ON JUN 07	1973
1974	244.882 AT 2025 CST ON JUN 13	244.764 ON JUN 15	243.486 ON JAN 01	1974
1975	244.404 AT 1626 CST ON JUL 07	244.291 ON JUL 07	243.675 ON SEP 08	1975
1976	244.843 AT 2320 CST ON JUN 14	244.716 ON JUN 17	242.883 ON DEC 28	1976
1977	243.953 AT 1945 CST ON JUL 30	243.819 ON JUL 31	242.633 ON JUN 09	1977
1978	---	243.889 ON MAR 08	242.697 ON OCT 16	1978
1979	244.885 AT 2115 CST ON JUN 21 *	244.765 ON JUN 21 *	242.977 ON JAN 01	1979
1980	243.933 AT 1550 CST ON MAR 27	243.924 ON MAR 26	242.673 ON AUG 16	1980
1981	---	243.489A ON FEB 27	242.613 ON OCT 02	1981
1982	243.245 AT 1112 CST ON APR 24	243.237 ON APR 23	242.613 ON SEP 02 *	1982
1983	243.803 AT 0224 CST ON AUG 25	243.724 ON AUG 05	242.767 ON JAN 02	1983
1984	243.693 AT 1459 CST ON AUG 09	243.645 ON AUG 09	242.969 ON OCT 16	1984
1985	243.801 AT 1515 CST ON APR 04	243.788 ON APR 04	243.024 ON SEP 18	1985
1986	244.565 AT 1247 CST ON JUN 13	244.410 ON JUN 28	242.174 ON OCT 18	1986
1987	243.919 AT 1709 CST ON MAY 10	243.810 ON MAY 21	242.699 ON OCT 03	1987
1988	243.834 AT 1555 CST ON JUN 24	243.578 ON JUN 24	242.586 ON OCT 22	1988
1989	243.236 AT 1624 CST ON MAY 04	243.090 ON APR 09	242.632 ON OCT 19	1989
1990	243.464 AT 2038 CST ON MAY 16	243.421 ON MAR 28	242.827 ON OCT 28	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WAIKOPANAH NEAR RIVERS - STATION NO. 05MF020

57

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	464.449	465.851	465.785	465.325	464.884	464.745	464.704	464.662	---	1961
1962	---	---	---	463.982	---	---	---	---	467.976	467.804	467.725	467.681	---	1962
1963	467.370	---	---	---	---	---	468.367	468.240	468.225	468.255	---	467.870	---	1963
1964	---	---	---	---	468.522	468.296	468.235	468.186	---	---	---	---	---	1964
1965	---	---	---	---	---	468.450	468.302	468.167	468.259	468.337	468.136	467.077	---	1965
1966	---	---	---	---	---	468.456	468.303	468.329	468.289	468.237	468.246	468.240	---	1966
1967	---	---	466.748	467.658	468.680	---	468.295	---	---	468.052	468.196	467.719	---	1967
1968	---	465.540	464.518	467.968	468.359	468.325	468.287	468.385	468.364	468.282	468.203	467.601	---	1968
1969	---	---	463.832	---	468.520	468.368	468.624	468.366	468.279	468.291	468.178	467.588	---	1969
1970	466.593	465.539	464.089	---	469.044	468.644	468.473	468.366	468.304	468.331	468.144	467.535	---	1970
1971	466.863	465.819	464.502	---	468.517	468.645	468.558	468.411	468.320	468.371	468.246	467.694	---	1971
1972	---	---	467.121	468.265	468.756	468.436	468.298	468.250	468.147	468.035	468.095	467.984	---	1972
1973	467.715	467.442	467.355	467.953	468.272	468.302	468.260	468.200	468.293	468.330	467.869	467.652	467.973	1973
1974	467.653	467.559	467.472	468.175	468.869	468.607	468.271	---	467.899	467.571	467.349	467.179	---	1974
1975	466.950	466.643	466.335	467.046	468.681	468.485	468.384	468.346	468.713	468.727	468.478	468.355	467.936	1975
1976	468.336	---	---	468.995	468.677	468.318	468.484	468.411	468.089	467.779	467.600	467.432	---	1976
1977	467.146	466.797	466.907	468.875	468.351	468.287	468.311	468.253	468.282	468.128	468.065	467.894	---	1977
1978	467.796	467.446	467.011	468.072	468.478	468.298	468.185	467.860	467.560	467.591	467.730	467.774	467.819	1978
1979	467.683	467.408	467.319	467.941	468.914	468.668	468.358	468.192	467.977	467.677	467.453	467.371	467.923	1979
1980	467.200	466.946	466.716	467.440	468.298	468.053	467.696	467.888	468.299	467.712	467.877	468.094	467.686	1980
1981	467.849	467.233	467.425	468.236	468.334	468.234	468.263	468.024	467.794	467.634	467.988	468.124	467.964	1981
1982	467.553	466.732	466.784	467.098	468.466	468.291	468.118	467.958	467.485	467.434	468.126	468.029	467.810	1982
1983	467.856	467.522	467.207	468.130	468.632	468.443	468.350	468.218	467.824	467.356	467.101	466.833	467.791	1983
1984	466.344	465.898	465.936	467.202	468.350	468.348	468.287	467.921	467.432	467.254	467.546	467.629	467.350	1984
1985	467.482	467.249	466.989	468.022	468.369	468.231	468.252	468.288	468.356	468.374	467.887	467.301	467.903	1985
1986	467.266	467.000	467.285	468.779	468.808	468.442	468.341	468.253	468.026	468.126	467.826	467.942	468.029	1986
1987	468.161	468.530	468.155	468.807	468.456	468.260	468.271	468.253	468.198	467.744	467.681	467.658	468.156	1987
1988	467.452	467.074	466.797	467.959	468.528	468.314	468.210	468.002	467.829	467.794	467.875	467.964	467.818	1988
1989	467.970	467.946	467.884	468.224	468.280	468.327	468.299	468.159	467.888	467.643	467.484	467.393	467.959	1989
1990	467.190	467.002	466.925	468.272	468.656	468.484	468.343	468.200	467.784	466.510	465.558	464.942	467.323	1990
MEAN	467.454	466.981	466.534	467.820	468.395	468.302	468.215	468.089	467.956	467.807	467.688	467.283	467.821	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 01 37 N DRAINAGE AREA, 3 900 km²
LONG 100 11 58 W REGULATED

REMARKS - PREVIOUS TO 1986 PUBLISHED UNDER THE NAME "RIVERS RESERVOIR NEAR RIVERS"

LAKE WAIKOPANAH NEAR RIVERS - STATION NO. 05MF020

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	465.893 ON JUN 26	---	1961
1962	---	---	461.946 ON MAR 31 *	1962
1963	---	---	---	1963
1964	466.636 AT 1245 CST ON MAY 15	468.633 ON MAY 11	---	1964
1965	---	---	463.811 ON APR 09	1965
1966	---	---	---	1966
1967	468.913 AT 0000 CST ON APR 20	468.907 ON APR 19	466.250 ON APR 07	1967
1968	468.447 AT 0900 CST ON AUG 16	468.417 ON AUG 16	463.778 ON MAR 22	1968
1969	---	---	463.162 ON APR 06	1969
1970	---	469.392A ON MAY 15 *	462.900 ON APR 07	1970
1971	468.907 AT 0200 CST ON JUN 16	468.904 ON JUN 16	---	1971
1972	468.974 AT 0300 CST ON APR 18	468.965 ON APR 18	467.021 ON MAR 16	1972
1973	468.423 AT 0935 CST ON OCT 13	468.423 ON OCT 13	467.249 ON MAR 09	1973
1974	469.224 AT 2044 CST ON APR 21	469.191 ON APR 22	467.085 ON DEC 31	1974
1975	469.084 AT 1305 CST ON SEP 30	469.078 ON SEP 30	466.204 ON APR 11	1975
1976	469.270 AT 2128 CST ON APR 21	469.270 ON APR 21	467.316 ON DEC 31	1976
1977	468.456 AT 1519 CST ON JUL 23	468.456 ON JUL 23	466.688 ON FEB 23	1977
1978	468.600 AT 1832 CST ON MAY 08	468.596 ON MAY 08	466.865 ON MAR 27	1978
1979	469.406 AT 0648 CST ON APR 24 *	469.392 ON APR 24	467.263 ON APR 11	1979
1980	468.400 AT 0027 CST ON MAY 03	468.399 ON MAY 03	466.630 ON MAR 29	1980
1981	468.375 AT 1309 CST ON APR 13	468.374 ON APR 13	467.277 ON MAR 11	1981
1982	468.726 AT 1800 CST ON APR 24	468.724 ON APR 24	466.288 ON MAR 29	1982
1983	469.055 AT 0949 CST ON APR 24	469.052 ON APR 24	466.619 ON DEC 31	1983
1984	468.455 AT 2053 CST ON MAY 23	468.445 ON MAY 23	465.861 ON FEB 21	1984
1985	468.569 AT 1957 CST ON APR 25	468.567 ON APR 25	466.916 ON MAR 24	1985
1986	469.068 AT 1811 CST ON MAY 15	469.059 ON MAY 16	467.112 ON DEC 19	1986
1987	469.186 AT 1536 CST ON APR 08	469.178 ON APR 10	467.672 ON DEC 31	1987
1988	468.686 AT 0533 CST ON MAY 15	468.684 ON MAY 16	466.750 ON MAR 22	1988
1989	468.443 AT 0557 CST ON JUN 24	468.441 ON JUN 24	467.286 ON DEC 31	1989
1990	468.779 AT 0051 CST ON MAY 03	468.777 ON MAY 02	464.618 ON DEC 31	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT ANAMA BAY - STATION NO. 05SF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	29.312	---	---	---	1960
1961	29.021	---	---	---	---	29.263	29.175	29.070	28.895	28.801	28.696	---	---	1961
1962	---	28.697	28.730	28.773	28.963	29.209	29.367	29.414	29.497	29.478	29.258	---	---	1962
1963	29.246	29.246	29.233	29.274	29.492	29.586	29.643	29.645	29.533	29.478	29.255	29.133	29.391	1963
1964	29.136	---	29.155	29.189	29.370	29.307	29.397	29.451	29.304	---	29.268	---	---	1964
1965	29.229	29.194	29.178	29.242	29.713	30.046	30.230	30.272	30.060	30.030	29.954	29.898	29.758	1965
1966	29.626	29.644	29.666	30.088	30.189	30.269	30.428	30.570	30.467	30.288	30.038	29.990	30.233	1966
1967	29.889	29.928	29.925	30.003	30.180	30.215	30.148	30.050	29.769	29.670	29.838	29.514	29.896	1967
1968	29.518	29.555	29.539	29.541	29.584	29.553	29.761	29.735	29.672	29.712	29.757	---	---	1968
1969	---	30.063	30.093	30.098	30.183	30.248	30.162	30.154	30.273	30.225	30.167	30.163	---	1969
1970	30.148	30.159	30.190	30.236	30.323	30.391	30.420	30.368	30.144	30.057	29.946	30.006	30.200	1970
1971	30.052	30.094	30.141	30.228	30.362	30.318	30.244	30.055	29.793	---	29.742	29.774	---	1971
1972	29.947	30.007	30.060	---	30.317	---	---	30.003	29.820	29.707	29.568	29.579	---	1972
MEAN	29.618	29.692	29.655	29.667	29.896	29.882	29.937	29.907	29.769	29.680	29.602	29.702	29.900	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 59 48 N
LONG 098 03 26 W

LAKE WINNIPEG AT ANAMA BAY - STATION NO. 05SF001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	29.947A ON NOV 03	28.505A ON JAN 09 *	1962
1963	---	29.861A ON MAY 20	28.944A ON NOV 24	1963
1964	---	---	---	1964
1965	---	30.858 ON NOV 03	29.151 ON FEB 15	1965
1966	---	31.093 ON AUG 17 *	29.895 ON JAN 02	1966
1967	---	30.535 ON JUL 02	28.718 ON OCT 28	1967
1968	---	30.831 ON JUL 21	29.358 ON MAY 20	1968
1969	---	30.898 ON JUN 11	29.922 ON MAY 22	1969
1970	---	30.699 ON JUL 03	29.593 ON NOV 24	1970
1971	---	30.785 ON MAY 29	29.316 ON NOV 22	1971
1972	---	30.809 ON JUN 14	29.060 ON SEP 14	1972

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	217.282	217.369	217.433	217.447	217.279	217.237	---	---	---	1914
1915	217.073	217.051	216.972	216.965	217.009	217.061	217.152	217.202	217.243	217.257	217.147	217.151	217.107	1915
1916	217.108	217.073	217.053	217.056	217.318	217.611	217.836	217.951	218.038	217.680	217.540	217.499	---	1916
1917	217.486	217.730	217.683	217.624	217.376	217.455	217.492	217.542	217.476	217.312	217.253	217.252	---	1917
1918	217.486	217.407	217.381	217.324	217.376	217.455	217.492	217.542	217.476	217.312	217.253	217.252	217.390	1918
1919	217.149	217.106	217.069	217.069	---	---	---	---	217.130	217.076	217.016	217.010	---	1919
1920	216.995	216.972	216.975	---	217.168	217.361	217.424	217.419	217.396	---	217.254	---	---	1920
1921	217.975	217.931	217.883	217.822	217.772	217.727	217.687	217.647	217.607	217.567	217.527	217.487	---	1921
1922	217.197	217.161	217.127	217.098	217.068	217.038	216.998	216.958	216.918	216.878	216.838	216.798	217.365	1922
1923	217.173	217.161	217.112	217.119	217.207	217.230	217.281	217.285	---	---	217.162	217.068	---	1923
1924	217.003	216.984	216.985	217.036	217.133	217.338	217.543	217.592	217.507	217.447	217.373	217.328	217.274	1924
1925	217.258	217.228	217.192	217.136	217.189	217.489	217.597	217.197	217.197	217.197	217.253	217.299	---	1925
1926	217.517	217.514	217.514	217.514	217.514	217.514	217.514	217.514	217.514	217.514	217.514	217.514	217.986	1926
1927	217.689	217.683	217.683	217.683	217.683	217.683	217.683	217.683	217.683	217.683	217.683	217.683	217.849	1927
1928	217.369	217.365	217.353	217.339	217.362	217.412	217.338	217.321	217.321	217.321	216.832	216.741	217.205	1928
1929	217.723	217.742	217.754	217.760	217.832	217.932	217.962	217.962	217.962	217.962	217.962	217.962	217.789	1929
1930	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.789	1930
1931	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.744	216.789	1931
1932	216.678	216.690	216.689	216.689	216.689	216.689	216.689	216.689	216.689	216.689	216.689	216.689	216.921	1932
1933	216.911	216.920	216.955	216.934	217.186	217.363	217.498	---	217.437	217.378	217.300	217.267	---	1933
1934	217.237	217.188	217.176	217.150	217.320	217.429	217.520	217.496	217.435	217.378	217.333	217.325	217.342	1934
1935	217.085	217.055	217.025	216.995	217.025	217.025	217.025	217.025	217.025	217.025	217.025	217.025	217.025	1935
1936	217.001	217.001	217.001	217.001	217.001	217.001	217.001	217.001	217.001	217.001	217.001	217.001	217.001	1936
1937	216.924	216.920	216.900	216.910	217.055	217.260	217.421	217.490	217.430	217.370	217.310	217.250	217.111	1937
1938	216.912	216.914	216.911	216.899	216.819	216.916	217.019	217.009	216.917	216.824	216.731	216.638	216.871	1938
1939	216.624	216.621	216.595	216.612	216.584	216.628	216.600	216.527	216.445	216.341	216.278	216.173	216.502	1939
1940	216.624	216.621	216.595	216.612	216.584	216.628	216.600	216.527	216.445	216.341	216.278	216.173	216.502	1940
1941	216.624	216.621	216.595	216.612	216.584	216.628	216.600	216.527	216.445	216.341	216.278	216.173	216.502	1941
1942	217.030	217.019	217.020	217.063	217.293	217.548	217.732	217.816	217.741	217.670	217.599	217.528	217.394	1942
1943	217.300	217.248	217.222	217.202	217.169	217.233	217.415	217.518	217.523	217.497	217.364	217.351	217.339	1943
1944	217.302	217.276	217.267	217.416	217.584	217.688	217.813	217.778	217.635	217.522	217.420	217.423	217.514	1944
1945	217.402	217.355	217.328	217.416	217.584	217.688	217.813	217.778	217.635	217.522	217.420	217.423	217.514	1945
1946	217.402	217.355	217.328	217.416	217.584	217.688	217.813	217.778	217.635	217.522	217.420	217.423	217.514	1946
1947	217.402	217.355	217.328	217.416	217.584	217.688	217.813	217.778	217.635	217.522	217.420	217.423	217.514	1947
1948	217.402	217.355	217.328	217.416	217.584	217.688	217.813	217.778	217.635	217.522	217.420	217.423	217.514	1948
1949	217.265	217.239	217.229	217.227	217.336	217.338	217.338	217.276	217.185	217.082	217.080	217.051	217.221	1949
1950	217.142	217.165	217.160	217.190	217.514	218.015	218.292	218.425	218.363	218.264	218.117	217.981	217.806	1950
1951	217.893	217.821	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	1951
1952	217.893	217.821	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	217.795	1952
1953	217.364	217.350	217.302	217.304	217.704	217.770	217.830	217.926	217.975	217.975	217.975	217.975	217.975	1953
1954	217.541	217.501	217.466	217.472	217.605	217.879	218.197	218.293	218.226	218.239	218.102	218.144	217.898	1954
1955	218.069	218.005	217.982	217.903	218.183	218.331	218.438	218.365	218.273	218.008	217.840	217.725	218.101	1955
1956	217.608	217.560	217.536	217.534	217.651	217.794	217.847	217.815	217.723	217.625	217.527	217.429	217.603	1956
1957	217.289	---	---	---	217.253	217.300	217.338	217.308	217.204	217.061	217.027	---	---	1957
1958	---	---	---	---	217.362	217.630	217.791	217.823	217.756	217.618	---	217.598	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	217.748	217.847	217.810	217.687	217.556	217.396	---	---	---	1960
1961	---	---	---	---	217.234	217.421	217.138	217.043	---	---	---	---	---	1961
1962	---	---	---	---	---	217.448	217.308	217.163	---	---	---	---	---	1962
1963	---	---	---	---	---	217.540	217.635	217.535	---	---	---	---	---	1963
1964	---	---	---	---	217.372	217.392	217.484	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	217.895	---	---	---	---	218.028	218.215	218.216	218.095	217.978	217.869	217.886	---	1966
1967	217.861	217.903	217.910	218.017	218.164	218.202	218.202	218.095	217.978	217.869	217.869	217.886	---	1967
1968	---	---	---	217.478	217.528	217.550	217.654	217.694	217.716	217.675	217.652	217.652	---	1968
1969	---	---	---	---	---	218.206	218.206	218.168	218.174	218.174	218.174	218.174	---	1969
1970	218.133	218.160	218.175	218.149	218.296	218.391	218.474	218.370	218.451	218.009	217.926	217.840	218.185	1970
1971	218.796	218.079	218.079	218.079	218.079	218.079	218.079	218.079	218.079	218.079	218.079	218.079	218.079	1971
1972	---	217.873	217.873	217.873	217.873	217.873	217.873	217.873	217.873	217.873	217.873	217.873	217.873	1972
1973	---	217.763	217.763	217.763	217.763	217.763	217.763	217.763	217.763	217.763	217.763	217.763	217.763	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	218.171	218.206	218.255	218.260	218.306	218.342	---	---	218.343	218.144	217.921	---	---	1975
1976	218.889	218.839	218.864	218.864	218.864	218.864	218.864	218.864	218.864	218.864	218.864	218.864	218.864	1976
1977	217.097	217.142	217.142	217.142	217.142	217.142	217.142	217.142	217.142	217.142	217.142	217.142	217.142	1977
1978	217.569	217.575	217.568	217.518	217.470	218.064	218.064	217.817	217.753	217.638	217.534	217.416	217.493	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	217.415	217.452	217.459	217.466	217.518	217.525	217.567	217.573	217.557	217.490	217.371	217.307	217.475	1980
1981	217.257	217.201	217.162	217.162	217.162	217.162	217.162	217.162	217.162	217.162	217.162	217.162	217.162	1981
1982	217.308	217.326	217.326	217.326	217.326	217.326	217.326	217.326	217.326	217.326	217.326	217.326	217.326	1982
1983	217.320	217.340	217.376	217.403	217.458	217.534	217.619	217.580	217.395	217.289	217.280	217.216	217.402	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	217.799	217.756	217.743	217.844	217.980	217.693	217.721	217.750	217.569	217.388	217.213	217.093	217.474	1986
1987	217.037	217.038	216.992	217.849	217.134	217.137	217.259	217.395	217.406	217.345	217.192	217.036	---	1987
1988	216.833	216.877	216.953	217.013	217.137	217.259								

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1914	---	217.761 ON AUG 08	---	1914
1915	---	217.590 ON NOV 12	216.883 ON APR 01	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	217.746 ON JUN 20	216.904 ON OCT 21	1918
1919	---	---	---	1919
1920	---	217.532 ON SEP 14	---	1920
1921	---	217.517 ON JUN 17	---	1921
1922	---	217.791 ON JUL 30	216.984 ON DEC 20	1922
1923	---	---	---	1923
1924	---	217.380 ON AUG 06	216.984 ON OCT 10	1924
1925	---	217.718 ON OCT 05	216.981 ON MAR 17	1925
1926	---	---	---	1926
1927	---	218.755 ON AUG 07	217.292 ON MAR 18	1927
1928	---	218.206 ON SEP 18	217.383 ON DEC 23	1928
1929	---	217.474 ON JUN 12	216.712 ON SEP 15	1929
1930	---	217.353 ON JUL 27	216.423 ON SEP 20	1930
1931	---	217.017 ON SEP 19	216.469 ON MAY 17	1931
1932	---	217.414 ON SEP 01	216.392 ON MAR 12	1932
1933	---	217.337 ON SEP 19	216.408 ON OCT 23	1933
1934	---	---	216.865 ON JAN 01	1934
1935	---	218.008 ON JUN 25	217.093 ON MAR 01	1935
1936	---	217.779 ON JUN 13	216.941 ON SEP 13	1936
1937	---	217.368 ON AUG 14	216.773 ON NOV 23	1937
1938	---	217.535 ON JUL 15	216.530 ON NOV 01	1938
1939	---	217.353 ON JUL 13	216.499 ON OCT 22	1939
1940	---	217.048 ON JUN 19	216.072 ON DEC 05	1940
1941	---	216.895 ON NOV 25	216.011 ON OCT 10	1941
1942	---	217.429 ON OCT 20	216.621 ON JAN 12	1942
1943	---	218.054 ON AUG 13	217.002 ON JAN 29	1943
1944	---	217.840 ON AUG 11	217.109 ON JUN 02	1944
1945	---	218.084 ON AUG 01	217.246 ON FEB 23	1945
1946	---	217.901 ON JUL 23	217.215 ON DEC 23	1946
1947	---	218.313 ON AUG 26	217.246 ON JAN 04	1947
1948	---	218.374 ON JUL 30	217.228 ON DEC 02	1948
1949	---	217.837 ON OCT 29	216.850 ON OCT 08	1949
1950	---	218.685 ON AUG 22	217.100 ON JAN 01	1950
1951	---	---	---	1951
1952	---	218.148 ON JUL 29	217.380 ON DEC 26	1952
1953	---	218.538 ON SEP 04	217.008 ON MAY 10	1953
1954	---	218.770 ON OCT 04	217.447 ON APR 03	1954
1955	---	218.666 ON SEP 05	217.551 ON NOV 10	1955
1956	---	---	---	1956
1957	---	218.096 ON AUG 02	217.221 ON NOV 22	1957
1958	---	217.496 ON AUG 05	216.914 ON NOV 07	1958
1959	---	217.962 ON SEP 07	217.005A ON JAN 04	1959
1960	---	217.892 ON JUN 28	217.142A ON DEC 15	1960
1961	---	217.307 ON MAY 11	216.581A ON NOV 09	1961
1962	---	---	216.612A ON FEB 13	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	218.560 AT 0610 CST ON AUG 14	218.377 ON AUG 14	---	1965
1966	---	---	---	1966
1967	---	217.993 ON SEP 24	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	218.889 AT 0736 CST ON AUG 02	218.596 ON AUG 02	217.731 ON NOV 24	1970
1971	218.633 AT 0400 CST ON JUL 08	218.432 ON JUL 08	217.471 ON NOV 22	1971
1972	218.633 AT 1040 CST ON JUN 14	218.416 ON JUN 14	---	1972
1973	218.063 AT 0758 CST ON SEP 05	217.843 ON SEP 05	---	1973
1974	219.236 AT 0830 CST ON JUL 26 *	219.056 ON JUL 26 *	---	1974
1975	218.733 AT 1355 CST ON JUL 07	218.486 ON JUL 07	217.737 ON NOV 26	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	218.282 AT 1310 CST ON AUG 18	217.965 ON AUG 18	217.054 ON JAN 05	1978
1979	218.413 AT 0107 CST ON JUN 13	218.141 ON JUN 26	217.362 ON DEC 12	1979
1980	218.391 AT 0051 CST ON SEP 16	217.904 ON AUG 21	217.273 ON NOV 17	1980
1981	---	---	---	1981
1982	218.236 AT 1011 CST ON AUG 26	217.865 ON AUG 26	217.082 ON JAN 14	1982
1983	218.615 AT 0601 CST ON AUG 19	218.122 ON AUG 19	217.231 ON NOV 16	1983
1984	218.022 AT 0659 CST ON AUG 30	217.811 ON AUG 30	217.056 ON OCT 16	1984
1985	218.362 AT 0255 CST ON OCT 29	218.073 ON SEP 06	---	1985
1986	218.376 AT 1341 CST ON JUN 12	218.044 ON JUN 12	---	1986
1987	---	217.860A ON AUG 12	217.040 ON DEC 07	1987
1988	---	217.289 ON JUN 23	216.558 ON NOV 23	1988
1989	217.698 AT 0029 CST ON AUG 27	217.475 ON JUL 26	216.820 ON JAN 02	1989
1990	217.933 AT 0020 CST ON SEP 01	217.699 ON JUL 28	216.963 ON FEB 25	1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)
 APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1976 ADJ.)

A - MANUAL GAUGE
 (SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT GEORGE ISLAND - STATION NO. 05RE003

61

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	217.326	217.406	217.485	217.538	217.666	217.764	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	217.740	217.741	217.231	217.309	217.505	217.678	217.779	217.863	217.885	217.840	---	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	1987
1988	217.036	217.030	216.997	217.027	217.114	217.186	---	217.722	217.575	217.394	217.209	217.092	---	1988
1989	216.822	216.865	216.950	217.010	217.114	---	---	---	216.979	216.954	216.875	216.829	---	1989
1990	216.997	216.990	216.999	217.030	217.172	217.352	217.539	217.616	217.541	217.355	217.222	217.107	217.245	1990
MEAN	216.952	217.192	217.219	217.278	217.373	217.526	217.642	217.662	217.463	217.351	217.248	217.014	217.245	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1976 ADJ.)

LOCATION - LAT 52 49 00 N DRAINAGE AREA, 978 000 km²

LONG 097 37 20 W REGULATED

LAKE WINNIPEG AT GEORGE ISLAND - STATION NO. 05RE003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	218.253 AT 0440 CST ON SEP 22 *	218.116 ON SEP 21 *	---	1985
1986	---	---	---	1986
1987	---	---	217.042 ON DEC 31	1987
1988	217.377 AT 1427 CST ON JUL 23	217.234 ON JUN 17	216.775 ON NOV 16 *	1988
1989	---	---	216.811 ON JAN 07	1989
1990	217.920 AT 0128 CST ON AUG 23	217.746 ON AUG 02	216.967 ON JAN 30	1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1976 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT GIMLI - STATION NO. 05SB006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	218.581	218.403	218.200	217.963	217.936	---	1966
1967	217.916	217.892	217.870	217.960	218.138	218.189	218.135	217.979	217.627	217.516	217.480	217.461	217.847	1967
1968	217.460	217.493	217.472	217.467	217.594	217.574	217.691	217.722	217.685	217.723	217.655	217.665	217.609	1968
1969	217.853	217.930	217.956	218.030	218.235	218.278	218.157	218.223	218.142	218.182	218.169	218.105	218.106	1969
1970	218.116	218.137	218.157	218.166	218.345	218.387	218.441	218.349	218.149	218.043	217.955	217.975	218.186	1970
1971	218.016	218.067	218.112	218.204	218.322	218.268	218.223	217.985	217.769	217.668	217.648	217.724	218.000	1971
1972	217.827	217.898	217.975	218.086	218.306	218.259	218.166	217.967	217.811	217.640	217.532	217.545	217.918	1972
1973	217.585	217.618	217.628	217.599	217.648	217.581	217.633	217.590	217.567	217.544	217.605	217.634	217.614	1973
1974	217.689	217.788	217.856	217.973	218.418	218.772	218.914	218.713	218.573	218.321	218.214	218.168	218.286	1974
1975	218.213	218.250	218.282	218.316	218.374	218.387	218.440	218.426	218.325	218.153	217.933	217.882	218.248	1975
1976	217.870	217.860	217.880	217.962	218.010	217.894	217.766	217.860	217.381	217.162	217.049	216.919	217.608	1976
1977	216.914	216.930	216.913	216.865	216.870	216.949	216.920	216.910	216.884	216.803	216.985	217.089	216.924	1977
1978	217.118	217.145	217.161	217.308	217.474	217.589	217.707	217.783	217.756	217.736	217.985	217.611	217.507	1978
1979	217.574	217.591	217.568	217.565	217.856	218.058	218.025	217.818	217.769	217.679	217.607	217.437	217.713	1979
1980	217.418	217.446	217.480	217.500	217.594	217.580	217.585	217.588	217.533	217.559	217.374	217.322	217.499	1980
1981	217.258	217.207	217.141	217.146	217.201	217.262	217.321	217.400	217.319	217.319	217.618	217.164	217.228	1981
1982	217.143	217.161	217.186	217.245	217.403	217.598	217.674	217.728	217.604	217.433	217.421	217.348	217.422	1982
1983	217.233	217.346	217.412	217.473	217.579	217.659	217.786	217.703	217.594	217.487	217.421	217.312	217.498	1983
1984	217.299	217.301	217.292	217.382	217.455	217.547	217.605	217.539	217.382	217.266	217.292	217.198	217.380	1984
1985	217.223	217.251	217.222	217.238	217.369	217.592	217.709	217.818	217.859	217.798	217.645	217.846	217.566	1985
1986	217.786	217.765	217.770	217.870	217.976	217.944	217.790	217.767	217.677	217.537	---	217.423	---	1986
1987	217.370	217.394	217.411	217.507	217.601	217.690	217.721	217.728	217.601	217.433	217.255	217.106	217.485	1987
1988	217.048	217.048	217.027	217.040	217.139	217.157	217.145	217.104	217.040	217.016	216.879	216.843	217.041	1988
1989	216.843	216.880	216.980	217.053	217.184	217.304	217.406	217.404	217.337	217.201	217.122	217.052	217.149	1989
1990	217.012	216.993	217.006	217.060	217.222	217.410	217.572	217.618	217.565	217.364	217.264	217.129	217.270	1990
MEAN	217.495	217.516	217.533	217.588	217.721	217.789	217.814	217.800	217.694	217.594	217.516	217.475	217.613	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

LOCATION - LAT 50 37 50 N DRAINAGE AREA, 978 000 km²

LONG 096 58 58 W

REGULATED SINCE 1975

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL			MAXIMUM DAILY WATER LEVEL			MINIMUM DAILY WATER LEVEL			YEAR
1966	219.392	AT 0500	CST ON SEP 05	219.090	ON SEP 05		216.953	ON NOV 23		1966
1967	218.386	AT 1455	CST ON JUL 01	218.578	ON JUL 12		216.999A	ON NOV 13		1967
1968	219.133	AT 1044	CST ON NOV 14	218.227	ON MAY 16		217.624	ON SEP 19		1968
1969				218.895	ON NOV 14					1969
1970	219.273	AT 0153	CST ON OCT 03	218.904	ON OCT 03		217.589	ON OCT 19		1970
1971	218.764	AT 1956	CST ON JUL 25	218.535	ON AUG 01		217.173	ON NOV 22		1971
1972	218.868	AT 2211	CST ON JUN 19	218.636	ON JUN 19		217.289	ON OCT 31		1972
1973	218.443	AT 1900	CST ON SEP 05	218.087	ON SEP 05		216.874	ON OCT 29		1973
1974	219.477	AT 2305	CST ON JUL 28	219.309	ON JUL 28	*	217.627	ON JAN 04		1974
1975	218.968	AT 0535	CST ON AUG 17	218.767	ON AUG 17		217.471	ON NOV 14		1975
1976	218.471	AT 2241	CST ON JUN 14	218.334	ON MAY 02		216.609	ON OCT 27		1976
1977				217.676A	ON NOV 22		216.426	ON AUG 25		1977
1978	218.270	AT 0600	CST ON OCT 12	218.124	ON OCT 12		217.045	ON JAN 01		1978
1979	218.505		ON JUN 21	218.452	ON JUN 21		217.310	ON OCT 26		1979
1980	218.143	AT 1035	CST ON SEP 09	218.025	ON SEP 09		217.022	ON NOV 18		1980
1981	218.081	AT 1620	CST ON SEP 27	217.835	ON OCT 18		216.673	ON NOV 30		1981
1982	218.454	AT 2214	CST ON AUG 08	218.207	ON AUG 08		217.047	ON NOV 18		1982
1983	218.260	AT 1038	CST ON JUL 04	218.143	ON JUL 04		216.831	ON NOV 04		1983
1984	218.024	AT 1933	CST ON AUG 30	217.896	ON JUL 15		216.597	ON OCT 16		1984
1985	218.427	AT 2128	CST ON OCT 08	218.292	ON SEP 24		217.139	ON JAN 02		1985
1986	218.651E	AT 0408	CST ON NOV 09	218.339A	ON NOV 09		217.142	ON OCT 10		1986
1987	218.702	AT 1713	CST ON AUG 30	218.105	ON AUG 30		216.775	ON OCT 10		1987
1988	217.929	AT 1049	CST ON JUL 10	217.976	ON JUL 10		216.465	ON NOV 62		1988
1989	218.022	AT 1857	CST ON SEP 22	217.743	ON SEP 22		216.644	ON OCT 19		1989
1990	218.099	AT 0527	CST ON SEP 22	217.955	ON SEP 22		216.849	ON OCT 10		1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

A - MANUAL GAUGE

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

(SEE REFERENCE INDEX)

LAKE WINNIPEG AT MATHESON ISLAND LANDING - STATION NO. 05SD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	217.730	---	---	---	---	1959
1960	---	---	---	---	---	217.853	217.830	217.721	217.562	217.397	---	---	---	1960
1961	217.159	217.146	217.157	217.149	217.192	217.204	---	217.011	216.883	216.714	216.636	216.641	---	1961
1962	216.668	---	216.742	216.795	216.984	---	---	---	---	217.348	---	217.210	---	1962
1963	---	---	---	217.274	217.417	217.509	217.592	217.584	217.397	217.269	---	---	---	1963
1964	217.080	217.085	---	217.125	217.318	217.365	217.409	217.386	217.276	217.170	---	---	---	1964
1965	---	217.173	---	---	217.679	217.968	218.184	218.154	---	---	---	---	---	1965
1966	---	---	---	---	---	218.613	218.694	218.568	218.409	---	---	---	---	1966
1967	217.915	217.899	217.879	217.951	218.113	218.182	218.144	217.990	217.704	---	217.484	217.441	---	1967
1968	217.433	217.464	217.436	217.441	217.535	217.556	217.675	217.698	---	---	---	---	---	1968
1969	---	---	---	---	218.168	218.207	218.137	218.212	218.139	---	218.155	218.099	---	1969
1970	218.108	218.134	218.153	218.145	218.290	218.370	218.439	218.335	218.130	217.991	217.918	217.960	218.165	1970
1971	---	---	218.054	218.163	218.293	218.258	218.211	---	217.786	217.652	217.641	217.715	---	1971
1972	217.793	217.871	217.950	218.063	218.277	218.255	218.139	217.959	217.790	217.630	217.518	217.528	217.898	1972
1973	217.571	217.602	217.648	217.681	217.602	217.556	217.640	217.590	217.536	217.529	217.563	217.607	217.594	1973
1974	217.662	217.748	217.825	217.936	218.366	218.734	218.876	218.697	218.533	218.314	218.150	218.157	218.253	1974
1975	218.186	218.219	218.253	218.278	218.348	218.365	---	---	218.307	218.138	217.914	217.846	---	1975
1976	217.827	---	---	217.820	217.957	217.871	217.749	217.551	---	---	216.999	216.880	---	1976
1977	216.892	216.903	216.896	216.857	216.857	216.896	216.908	216.903	216.863	216.921	216.957	217.026	216.907	1977
1978	217.088	217.124	217.140	217.278	217.463	217.576	217.704	217.767	217.713	217.731	217.650	217.590	217.488	1978
1979	---	---	217.543	217.539	217.838	218.033	217.987	217.800	217.734	217.635	---	---	---	1979
1980	---	---	217.436	217.445	217.533	217.553	217.588	217.592	217.535	217.468	---	---	---	1980
1981	---	---	217.139	217.131	217.131	217.227	217.348	217.377	217.325	217.174	---	---	---	1981
1982	---	---	---	---	217.383	217.345	217.680	217.705	217.573	217.451	---	---	---	1982
1983	---	---	---	---	---	217.672	217.808	217.771	217.663	217.522	---	---	---	1983
1984	---	---	---	---	---	---	---	217.590	217.396	217.270	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	217.857	217.976	217.963	---	1985
1986	---	---	217.739	217.813	217.944	217.920	217.811	217.799	217.635	217.559	---	---	---	1986
1987	---	---	217.399	217.499	217.605	217.704	217.724	217.724	217.574	217.410	---	---	---	1987
1988	---	---	217.002	217.019	217.115	217.154	217.153	217.091	217.016	216.995	---	---	---	1988
1989	216.838	216.881	216.969	217.011	217.119	217.260	217.391	217.398	217.342	217.201	217.114	---	---	1989
1990	217.007	216.999	217.009	217.049	217.195	217.382	217.566	217.614	217.547	217.381	217.275	217.112	217.263	1990
MEAN	217.415	217.446	217.468	217.503	217.643	217.778	217.823	217.725	217.633	217.469	217.530	217.518	217.653	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

LOCATION - LAT 51 44 00 N DRAINAGE AREA, 978 000 km²
LONG 096 54 00 W REGULATED SINCE 1975

LAKE WINNIPEG AT MATHESON ISLAND LANDING - STATION NO. 058D002

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	218.047 AT 0030 CST ON OCT 16	217.596 ON OCT 16	216.417 ON NOV 06 *	1962
1963	---	217.846 ON AUG 28	216.813 ON NOV 02	1963
1964	218.182 AT 0230 CST ON AUG 07	217.822 ON AUG 07	216.865 ON SEP 30	1964
1965	---	---	---	1965
1966	219.212 AT 2015 CST ON SEP 04 *	218.904 ON SEP 04	---	1966
1967	---	218.349 ON JUN 21	---	1967
1968	218.468 AT 1545 CST ON AUG 13	217.996 ON AUG 13	217.383 ON JUN 28	1968
1969	218.944 AT 2027 CST ON AUG 13	218.691 ON AUG 14	---	1969
1970	218.941 AT 1122 CST ON AUG 02	218.709 ON AUG 02	217.621 ON NOV 24	1970
1971	218.691 AT 1244 CST ON MAY 29	218.447 ON JUL 25	---	1971
1972	218.657 AT 0446 CST ON JUN 19	218.447 ON JUN 19	217.377 ON OCT 09	1972
1973	218.185 AT 1045 CST ON SEP 05	217.993 ON SEP 05	217.270 ON SEP 13	1973
1974	219.197 AT 0236 CST ON JUL 28	219.120 ON JUL 27 *	217.621 ON JAN 01	1974
1975	---	---	217.700 ON NOV 26	1975
1976	---	---	---	1976
1977	217.676 AT 0329 CST ON NOV 21	217.346 ON NOV 21	216.569 ON NOV 12	1977
1978	218.300 AT 1530 CST ON AUG 02	218.057 ON AUG 02	217.036 ON JAN 01	1978
1979	218.335 AT 2140 CST ON JUL 15	218.123 ON JUL 15	---	1979
1980	218.288 AT 1130 CST ON AUG 21	217.934 ON AUG 21	---	1980
1981	218.098 AT 0903 CST ON JUN 18	217.680 ON SEP 27	---	1981
1982	218.082 AT 0442 CST ON AUG 08	217.962 ON AUG 08	---	1982
1983	218.399 AT 1026 CST ON AUG 19	218.095 ON AUG 19	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	218.271 AT 1459 CST ON JUN 12	218.049 ON JUN 07	217.317 ON SEP 25	1986
1987	219.210 AT 0648 CST ON AUG 10	217.952 ON AUG 30	---	1987
1988	219.481 AT 1302 CST ON SEP 09	217.315 ON SEP 27	---	1988
1989	217.815 AT 1538 CST ON SEP 22	217.607 ON SEP 22	216.819 ON JAN 13	1989
1990	217.926 AT 1439 CST ON OCT 04	217.729 ON OCT 04	216.964 ON MAR 09	1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT MISSION POINT - STATION NO. 058G001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	217.912	---	---	---	---	---	1953
1955	---	---	---	---	---	218.307	218.464	---	---	---	---	---	---	1955
1956	---	---	---	---	---	218.045	218.144	218.098	217.956	---	---	---	---	1956
1957	---	---	---	---	---	---	217.890	217.846	217.666	---	---	---	---	1957
1958	---	---	---	---	---	---	217.349	217.329	217.629	217.137	---	---	---	1958
1959	---	---	---	---	---	217.649	217.808	217.805	217.694	---	---	---	---	1959
1960	---	---	---	---	---	217.502	217.466	217.391	---	---	---	---	---	1960
1961	---	---	---	---	---	217.182	217.118	217.020	216.844	---	---	---	---	1961
1963	---	---	---	---	---	---	217.622	217.679	---	---	---	---	---	1963
1964	---	---	---	---	---	217.393	217.462	---	---	---	---	---	---	1964
1966	---	---	---	---	---	---	218.152	218.579	218.360	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1969	---	---	---	---	---	---	---	---	---	---	218.052	218.091	---	1969
1970	---	218.124	218.129	218.114	218.261	218.381	218.445	---	---	217.881	---	---	---	1970
1971	---	---	---	---	218.296	218.270	218.137	218.037	---	217.612	---	---	---	1971
1972	---	---	---	218.074	218.296	218.270	218.107	217.972	217.767	217.608	217.561	217.531	---	1972
1973	217.590	217.610	217.651	217.649	217.678	217.651	217.664	217.624	217.507	---	---	---	---	1973
1974	217.685	217.762	217.827	217.943	218.358	218.733	218.843	218.714	218.536	218.376	218.222	217.614	218.269	1974
1975	218.195	218.227	218.245	218.257	218.334	218.381	218.398	218.438	---	---	217.920	---	---	1975
1976	---	217.834	---	---	---	217.845	217.747	---	217.334	217.132	217.018	---	---	1976
1977	---	216.908	---	---	216.866	216.881	216.893	216.959	216.869	216.947	216.932	217.011	---	1977
1978	217.099	217.136	217.170	217.291	217.467	217.572	---	217.729	217.728	217.613	217.450	217.618	217.395	1978
1979	217.580	217.579	217.564	217.545	217.820	218.055	218.023	217.804	---	---	---	217.441	217.684	1979
1980	217.412	217.450	217.455	217.441	217.545	217.547	---	---	217.583	217.461	217.250	217.268	---	1980
1981	---	217.314	217.347	217.339	---	---	---	217.485	217.361	217.296	217.187	---	---	1981
1982	---	217.187	217.211	217.268	---	---	217.730	217.794	217.750	217.619	217.401	217.372	---	1982
1983	217.347	217.369	217.434	217.503	217.561	217.695	217.794	217.736	217.625	217.549	---	---	---	1983
1984	---	217.341	217.338	---	---	217.534	217.582	217.502	217.429	---	---	217.269	---	1984
1985	217.271	217.268	217.194	217.186	217.309	217.486	217.648	217.767	---	217.871	217.881	217.877	---	1985
1986	217.795	217.761	217.755	217.830	217.963	217.905	217.917	217.776	217.646	217.554	217.440	217.439	217.723	1986
1987	217.387	217.387	217.406	217.484	217.596	217.660	217.718	658	---	---	---	---	---	1987
1988	217.048	217.074	217.038	217.060	---	217.222	217.206	217.153	216.992	216.878	216.903	216.841	---	1988
1989	216.836	216.874	216.967	217.027	217.130	217.255	217.368	---	---	217.187	217.101	217.052	---	1989
1990	216.995	216.982	217.000	217.047	217.217	217.379	217.557	217.620	---	---	217.221	217.135	---	1990
MEAN	217.403	217.426	217.413	217.485	217.724	217.748	217.791	217.740	217.576	217.486	217.447	217.448	217.892	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

LOCATION - LAT 53 11 00 N DRAINAGE AREA 978 000 km²
LONG 099 13 30 W REGULATED SINCE 1975

LAKE WINNIPEG AT MISSION POINT - STATION NO. 05SG001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1953	---	---	---	1953
1955	---	---	---	1955
1956	---	218.295 ON SEP 03	217.569 ON DEC 30	1956
1957	---	218.057 ON AUG 25	217.286A ON DEC 01	1957
1958	---	217.466 ON JUL 05	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1963	---	---	---	1963
1964	---	---	---	1964
1966	---	---	---	1966
1967	---	---	---	1967
1969	---	---	---	1969
1970	218.944 AT 0115 CST ON JUL 01	218.578 ON JUL 22	---	1970
1971	218.734 AT 1200 CST ON JUL 07	218.389 ON JUN 10	---	1971
1972	218.487 AT 1115 CST ON JUN 13	218.362 ON JUN 17	217.258 ON OCT 16	1972
1973	218.279 AT 0623 CST ON SEP 13	217.923 ON SEP 13	217.140 ON SEP 05	1973
1974	219.197 AT 1630 CST ON JUL 11 *	218.999 ON JUL 11 *	217.642 ON JAN 05	1974
1975	218.962 AT 0504 CST ON AUG 09	218.593 ON AUG 06	217.688 ON NOV 23	1975
1976	---	---	---	1976
1977	217.530 AT 0810 CST ON AUG 10	217.204 ON NOV 12	---	1977
1978	218.087 AT 0803 CST ON SEP 16	217.923 ON SEP 08	217.042 ON JAN 04	1978
1979	218.265 AT 0648 CST ON JUN 13	218.161 ON JUN 24	217.087 ON NOV 01	1979
1980	217.997 AT 1714 CST ON AUG 28	217.860 ON AUG 28	---	1980
1981	217.868 AT 1411 CST ON OCT 02	217.676 ON OCT 02	---	1981
1982	218.037 AT 0603 CST ON JUL 17	217.939 ON AUG 12	217.005 ON NOV 21	1982
1983	218.093 AT 1136 CST ON SEP 27	217.866 ON JUL 23	217.063A ON NOV 24	1983
1984	218.017 AT 1305 CST ON SEP 22	217.817 ON SEP 22	217.035 ON AUG 31	1984
1985	218.201 AT 1144 CST ON OCT 28	218.097 ON OCT 28	217.146 ON MAR 27	1985
1986	218.318 AT 2114 CST ON SEP 25	218.060 ON MAY 19	217.171 ON NOV 09	1986
1987	218.013 AT 1404 CST ON JUL 01	217.864 ON JUL 01	---	1987
1988	217.684 AT 2343 CST ON AUG 21	217.383 ON AUG 21	216.635 ON OCT 25 *	1988
1989	---	---	216.799 ON JAN 31	1989
1990	217.742 AT 1734 CST ON AUG 07	217.707 ON JUL 27	216.862 ON NOV 22	1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT MONTREAL POINT - STATION NO. 05RF001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	218.191	218.164	218.129	218.108	218.133	---	1969
1970	---	---	---	218.156	218.291	218.396	218.484	218.368	218.133	217.965	217.911	217.976	---	1970
1971	---	---	---	218.196	---	---	---	---	---	---	217.579	217.740	---	1971
1972	217.826	217.908	217.960	218.079	218.274	218.275	218.126	217.954	---	217.606	217.521	217.547	---	1972
1973	217.604	217.610	217.631	217.639	217.549	217.477	---	217.646	217.489	---	---	---	---	1973
1974	---	---	217.835	---	---	---	---	---	---	---	---	---	---	1974
1975	---	218.203	218.272	218.284	---	---	---	---	---	---	217.946	217.828	---	1975
1976	---	---	---	---	---	217.830	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	216.888	216.875	216.845	216.807	217.010	---	---	---	1977
1978	---	---	---	---	---	217.576	---	217.724	---	---	---	---	---	1978
1980	---	---	---	---	---	217.562	217.606	217.558	---	---	217.376	217.303	---	1980
1981	217.255	217.213	217.144	217.135	217.123	217.215	217.367	217.387	217.334	---	---	---	---	1981
1982	---	---	---	---	---	217.559	217.690	217.696	217.597	217.489	217.370	217.357	---	1982
1983	217.344	217.354	217.405	217.402	217.546	217.660	217.762	217.720	217.640	217.517	217.319	---	---	1983
1984	---	217.342	217.276	217.331	217.392	217.488	217.598	217.611	217.371	217.253	217.156	---	---	1984
1985	---	217.234	217.217	217.223	217.305	217.491	217.665	217.757	---	---	---	---	---	1985
1986	---	217.790	217.769	217.873	217.974	217.946	217.893	217.800	217.599	217.557	217.409	217.423	---	1986
1987	217.396	217.370	217.381	---	---	217.635	217.661	---	---	---	---	---	---	1987
1988	---	217.049	217.043	217.076	217.128	---	---	---	---	---	---	---	---	1988
MEAN	217.485	217.507	217.539	217.679	217.620	217.643	217.702	217.712	217.570	217.566	217.570	217.663	---	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

LOCATION - LAT 53 37 30 N DRAINAGE AREA, 978 060 km²
LONG 097 50 40 W REGULATED SINCE 1975

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1969	---	---	---	1969
1970	218.956 AT 2154 CST ON JUN 30 *	218.608 ON JUL 22 *	---	1970
1971	---	---	---	1971
1972	---	218.392 ON JUN 17	---	1972
1973	217.935 AT 0426 CST ON AUG 25	217.910 ON OCT 28	217.307 ON SEP 14	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	217.846 AT 1339 CST ON NOV 12	217.581 ON NOV 12	---	1977
1978	---	---	---	1978
1980	---	217.769 ON AUG 28	---	1980
1981	217.963 AT 1350 CST ON OCT 02	217.739 ON OCT 02	216.873 ON SEP 27	1981
1982	217.996 AT 1531 CST ON AUG 12	217.917 ON AUG 12	---	1982
1983	218.381 AT 0930 CST ON SEP 17	218.015 ON SEP 17	216.977 ON NOV 25	1983
1984	217.927 AT 0315 CST ON AUG 11	217.814 ON AUG 11	---	1984
1985	---	---	---	1985
1986	218.341 AT 1925 CST ON JUL 05	218.074 ON JUL 06	216.793 ON NOV 08 *	1986
1987	---	217.774 ON JUL 09	---	1987
1988	---	---	---	1988

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT PINE DOCK - STATION NO. 05SD001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	217.295	217.311	217.290	217.174	217.131	217.107	---	---	1958
1959	217.041	217.046	217.041	217.036	217.377	217.655	217.776	217.735	217.734	217.620	---	---	---	1959
1960	217.542	217.507	217.507	217.558	217.737	217.847	217.819	217.706	217.545	---	217.245	---	---	1960
1961	---	217.113	217.138	217.093	217.192	217.215	217.176	217.033	216.874	216.727	216.646	---	---	1961
1962	216.661	216.680	216.692	216.722	216.930	217.162	217.319	217.340	217.402	217.372	---	217.228	---	1962
1963	217.205	217.210	217.196	---	217.397	---	---	217.538	---	217.294	---	---	---	1963
1964	---	217.087	---	217.140	217.329	217.366	217.430	217.420	217.311	217.244	217.244	217.235	---	1964
1965	217.225	217.192	217.211	217.305	217.674	217.941	218.165	218.184	218.084	217.969	---	---	---	1965
1966	---	---	---	---	---	218.571	218.700	218.575	---	218.167	---	---	---	1966
1967	217.916	---	---	---	218.138	218.188	218.143	217.990	217.701	217.552	217.487	217.437	---	1967
1968	217.440	217.471	217.461	---	---	217.556	217.683	217.712	217.715	217.700	217.681	---	---	1968
1969	217.851	217.924	217.968	218.032	218.211	218.241	218.173	218.240	218.165	218.180	218.168	218.119	218.107	1969
1970	218.120	---	---	218.158	218.319	218.387	218.463	218.363	---	218.022	217.936	---	---	1970
1971	---	218.075	218.110	218.193	218.308	218.261	218.211	---	---	217.651	217.722	---	---	1971
1972	217.814	217.888	217.960	218.072	218.275	---	---	217.970	217.804	217.647	217.528	217.541	---	1972
1973	217.569	---	---	---	---	217.555	---	---	---	217.539	---	---	---	1973
1974	217.675	217.765	217.841	---	---	218.732	218.886	218.696	---	218.299	---	---	---	1974
1975	---	218.222	218.259	218.279	218.348	218.363	218.413	218.428	218.308	218.135	---	217.843	---	1975
1976	217.842	217.838	217.863	217.932	217.938	217.851	217.737	217.543	217.364	217.164	217.000	216.895	217.580	1976
1977	216.896	216.903	216.891	216.842	216.843	216.886	216.897	216.897	216.866	216.902	216.951	217.028	216.901	1977
1978	217.083	217.129	217.155	217.292	217.465	217.581	217.710	217.765	217.725	217.723	217.650	217.596	217.492	1978
1979	217.560	217.575	217.557	217.537	217.833	218.036	218.003	217.804	217.737	217.635	217.560	217.412	217.688	1979
1980	217.406	217.433	217.458	217.475	217.553	217.565	217.583	217.581	217.543	217.521	217.390	217.318	217.406	1980
1981	217.255	217.202	217.142	217.141	217.161	217.246	217.339	217.380	217.309	217.170	217.110	217.094	217.213	1981
1982	217.112	217.124	217.146	---	---	---	217.672	217.694	217.576	217.495	217.402	---	---	1982
1983	---	217.326	217.407	217.479	217.557	217.659	217.786	217.740	217.627	---	---	---	---	1983
1984	217.281	217.276	217.274	217.351	217.432	217.531	217.614	217.518	217.334	217.251	217.290	217.198	217.363	1984
1985	217.220	217.244	217.206	217.229	217.333	217.537	---	---	---	217.794	217.831	217.832	---	1985
1986	217.763	217.743	217.742	217.840	217.958	217.940	217.828	217.812	---	---	---	---	---	1986
1987	---	---	---	---	---	---	217.720	217.729	217.578	217.419	217.250	---	---	1987
1988	---	---	---	217.018	217.098	---	---	---	---	---	---	---	---	1988
1989	---	---	---	216.998	217.119	217.258	217.389	217.405	217.337	217.182	217.096	217.023	---	1989
1990	216.981	216.970	216.984	217.036	217.176	217.360	217.556	217.622	217.544	217.367	217.272	217.111	217.250	1990
MEAN	217.411	217.398	217.425	217.448	217.604	217.742	217.804	217.749	217.557	217.544	217.386	217.390	217.453	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .024 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

LOCATION - LAT 51 38 30 N DRAINAGE AREA 978 000 km²
LONG 096 47 45 W REGULATED SINCE 1975

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	---	---	1958
1959	---	218.127 ON SEP 09	217.000 ON JAN 02	1959
1960	---	---	---	1960
1961	---	217.393 ON JUN 19	216.332 ON NOV 24 *	1961
1962	---	217.682 ON OCT 21	216.558 ON JAN 06	1962
1963	---	---	---	1963
1964	218.115 AT 0120 CST ON AUG 15	217.841 ON AUG 07	216.951 ON SEP 30	1964
1965	218.539 AT 0200 CST ON SEP 05	218.417 ON SEP 05	217.158 ON FEB 13	1965
1966	---	218.810 ON JUL 22	---	1966
1967	---	218.350 ON JUN 21	217.192 ON OCT 28	1967
1968	218.246 AT 1730 CST ON AUG 13	217.981 ON SEP 24	---	1968
1969	218.944 AT 0923 CST ON AUG 14	218.764 ON AUG 14	217.792 ON JAN 04	1969
1970	218.960 AT 1115 CST ON AUG 02	218.777 ON AUG 02	---	1970
1971	218.579 AT 1249 CST ON MAY 29	218.387 ON MAY 17	---	1971
1972	218.572 AT 0440 CST ON JUN 19	218.469 ON JUN 19	217.405 ON NOV 08	1972
1973	---	---	---	1973
1974	219.274 AT 0246 CST ON JUL 28 *	219.188 ON JUL 28 *	217.625A ON JAN 01	1974
1975	218.838 AT 2215 CST ON AUG 16	218.646 ON AUG 25	---	1975
1976	218.158 AT 1850 CST ON JUN 14	218.088 ON JUN 14	216.823 ON NOV 08	1976
1977	217.625 AT 0549 CST ON NOV 21	217.387 ON NOV 21	216.807 ON AUG 25	1977
1978	218.268 AT 1315 CST ON AUG 02	218.060 ON AUG 02	216.030 ON JAN 01	1978
1979	218.313 AT 1315 CST ON JUL 15	218.204 ON JUL 15	217.357 ON DEC 12	1979
1980	218.148 AT 1100 CST ON AUG 21	217.920 ON AUG 21	217.260 ON NOV 28	1980
1981	217.989 AT 1034 CST ON JUN 18	217.669 ON SEP 27	216.886 ON OCT 02	1981
1982	217.973 AT 2310 CST ON NOV 20	---	217.087 ON JAN 12	1982
1983	218.208 AT 1036 CST ON AUG 19	218.021 ON AUG 19	---	1983
1984	217.878 AT 2305 CST ON NOV 01	217.778 ON JUL 15	216.957 ON OCT 16	1984
1985	---	---	217.172 ON MAR 15	1985
1986	218.175 AT 1710 CST ON JUN 12	218.087 ON JUN 07	---	1986
1987	218.182 AT 0605 CST ON AUG 30	217.989 ON AUG 30	---	1987
1988	---	---	---	1988
1989	217.798 AT 1334 CST ON SEP 22	217.592 ON SEP 22	---	1989
1990	---	217.739 ON AUG 14	216.927 ON MAR 07	1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .024 m ADJUSTMENT TO CONVERT TO GEODETTIC SURVEY OF CANADA DATUM (LOCAL 1964 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG AT TRAVERSE BAY - STATION NO. 05SA005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	218.732	218.625	218.481	218.255	---	---	---	1966
MEAN	---	---	---	---	---	---	218.732	218.625	218.481	218.255	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 37 54 N
LONG 096 19 22 W

LAKE WINNIPEG AT TRAVERSE BAY - STATION NO. 05SA005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1966	---	---	---	1966

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	217.769	---	217.754	---	217.503	---	1959
1960	217.479	---	217.434	217.502	---	217.881	217.865	217.732	217.639	217.447	---	217.215	---	1960
1961	217.162	217.153	217.149	217.155	217.230	217.244	217.204	217.039	216.910	216.701	---	216.667	---	1961
1962	216.668	216.693	216.720	---	---	---	---	---	---	---	---	217.253	---	1962
1963	---	217.202	217.202	217.301	217.469	217.523	217.602	217.606	217.425	217.319	---	---	---	1963
1964	---	---	---	---	---	217.442	217.454	---	---	---	---	---	---	1964
1965	---	---	217.272	217.370	217.745	---	218.201	218.203	218.114	218.011	217.961	---	---	1965
1966	---	---	---	218.085	218.398	218.592	218.704	218.609	218.428	218.220	---	217.950	---	1966
1967	217.924	217.930	217.909	217.999	218.158	218.171	---	---	---	---	---	---	---	1967
1968	---	217.496	217.474	217.460	217.634	217.567	---	---	---	---	217.694	217.792	---	1968
1969	217.862	217.927	217.960	218.036	218.236	218.273	218.201	218.312	218.178	218.221	---	218.138	---	1969
1970	---	218.141	218.171	218.172	218.355	218.395	218.456	218.366	218.146	---	---	217.993	---	1970
1971	218.010	218.053	218.091	218.186	218.303	218.434	218.240	217.969	217.765	217.672	217.635	---	---	1971
1972	---	217.892	217.978	---	---	---	---	---	---	217.663	217.529	---	---	1972
1973	---	217.612	217.645	217.682	217.637	217.577	217.651	217.613	217.894	217.870	217.827	217.646	---	1973
1974	---	---	217.829	217.945	218.396	218.733	218.892	218.693	218.558	218.306	218.171	218.149	---	1974
1975	218.189	218.218	218.257	218.284	218.376	218.383	218.441	218.430	218.334	218.152	217.935	217.887	218.241	1975
1976	---	217.846	217.875	217.948	218.001	217.892	217.766	217.583	217.375	---	---	216.903	---	1976
1977	216.902	216.917	216.907	216.861	216.845	216.890	216.915	216.918	216.896	216.900	216.987	217.051	216.916	1977
1978	217.092	217.134	217.157	217.310	217.476	217.606	217.718	217.793	217.830	217.738	217.681	217.504	---	1978
1979	217.582	217.613	217.594	217.580	217.893	218.084	218.049	217.733	217.777	217.675	217.610	217.429	217.728	1979
1980	217.435	217.465	217.491	217.513	217.611	217.588	217.598	217.606	217.548	217.571	217.395	217.335	217.513	1980
1981	217.263	217.331	217.366	217.376	217.403	217.479	217.579	217.640	217.318	217.188	217.185	217.117	217.238	1981
1982	217.173	217.179	217.209	217.271	217.426	217.619	217.712	217.400	217.613	217.559	217.459	217.387	217.449	1982
1983	217.356	217.378	217.462	217.533	217.620	217.713	---	217.774	217.662	217.522	217.363	---	---	1983
1984	217.341	217.339	217.336	217.417	217.488	217.571	217.657	217.589	217.433	217.304	217.356	217.253	217.424	1984
1985	217.283	217.305	217.272	217.285	217.415	217.639	217.749	217.854	217.902	217.853	217.894	217.890	217.613	1985
1986	217.829	217.808	217.813	217.910	218.013	217.999	217.948	217.830	217.716	217.628	---	217.458	---	1986
1987	217.408	217.435	217.455	217.546	217.624	217.731	217.757	217.780	217.682	217.589	217.358	217.165	---	1987
1988	217.086	217.093	217.075	217.084	217.181	217.194	217.197	217.149	217.091	217.079	---	216.887	---	1988
1989	216.883	216.914	217.012	217.076	217.204	217.318	217.432	217.430	217.383	217.243	217.160	217.086	217.180	1989
1990	217.044	217.026	217.039	217.096	217.248	217.432	217.611	217.643	217.584	217.388	217.302	217.143	217.298	1990
MEAN	217.380	217.462	217.481	217.564	217.732	217.788	217.829	217.794	217.690	217.587	217.541	217.436	217.464	MEAN

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

LOCATION - LAT 50 42 30 N DRAINAGE AREA, 978 000 km²
LONG 096 34 10 W REGULATED SINCE 1975

LAKE WINNIPEG AT VICTORIA BEACH - STATION NO. 05SA003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	218.215 ON JUN 29	216.834 ON OCT 24	1960
1961	---	217.624 ON JUN 19	216.234 ON OCT 20	1961
1962	---	218.072 ON OCT 16	216.624 ON JAN 06	1962
1963	218.063 AT 1400 CST ON MAY 18	217.960 ON MAY 18	---	1963
1964	---	---	---	1964
1965	219.053 AT 1000 CST ON SEP 05	218.767 ON SEP 05	217.188 ON JAN 16	1965
1966	219.331 AT 0430 CST ON SEP 05	219.111 ON SEP 05	---	1966
1967	---	---	---	1967
1968	218.297 AT 0620 CST ON MAY 16	---	---	1968
1969	219.050 AT 1812 CST ON AUG 14	219.023 ON AUG 14	217.648 ON SEP 19	1969
1970	219.090 AT 2332 CST ON MAY 25	218.916 ON AUG 02	217.612 ON OCT 19	1970
1971	218.709 AT 1602 CST ON NOV 06	218.517 ON AUG 01	217.145 ON NOV 08	1971
1972	218.800 AT 1925 CST ON JUN 19	218.636 ON JUN 19	217.116 ON NOV 08	1972
1973	218.441 AT 2002 CST ON SEP 05	218.200 ON SEP 05	216.947 ON OCT 29	1973
1974	219.456 AT 1659 CST ON JUL 27	219.306 ON JUL 28	217.593 ON NOV 26	1974
1975	218.919 AT 0700 CST ON AUG 17	218.795 ON AUG 17	217.478 ON NOV 14	1975
1976	218.398 AT 2214 CST ON JUN 14	218.319 ON MAY 02	---	1976
1977	218.038 AT 0846 CST ON NOV 21	217.831 ON NOV 21	216.453 ON OCT 24	1977
1978	218.450 AT 1943 CST ON AUG 02	218.166 ON AUG 02	217.026 ON JAN 01	1978
1979	218.596 AT 0800 CST ON JUL 15	218.476 ON JUL 15	217.278 ON OCT 26	1979
1980	218.244 AT 1026 CST ON SEP 09	218.057 ON OCT 31	217.063 ON NOV 11	1980
1981	218.074 AT 0550 CST ON OCT 18	217.878 ON OCT 18	216.490 ON OCT 11	1981
1982	218.439 AT 2150 CST ON AUG 08	218.259 ON AUG 08	217.065 ON NOV 18	1982
1983	218.290 AT 0224 CST ON AUG 20	218.087 ON JUL 23	216.674 ON NOV 04	1983
1984	218.104 AT 1748 CST ON AUG 30	217.975A ON JUL 15	216.958 ON OCT 16	1984
1985	218.481 AT 0800 CST ON SEP 24	218.413A ON SEP 24	217.224 ON MAY 08	1985
1986	218.717 AT 0520 CST ON NOV 09	218.451 ON NOV 09	217.241 ON OCT 10	1986
1987	218.356 AT 1515 CST ON AUG 30	218.181 ON AUG 30	217.020 ON NOV 10	1987
1988	217.851 AT 2046 CST ON JUN 24	217.537 ON AUG 25	216.601 ON NOV 02	1988
1989	218.085 AT 1839 CST ON SEP 22	217.786 ON SEP 22	216.718 ON OCT 19	1989
1990	218.102 AT 0610 CST ON SEP 22	217.968 ON SEP 22	216.897 ON OCT 10	1990

WATER LEVELS REFERRED TO LAKE WINNIPEG DATUM (1986)

APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	217.640	217.692	217.771	217.757	217.628	---	---	---	---	1913
1914	---	---	---	---	217.303	217.370	217.401	217.425	217.208	217.180	217.238	217.121	---	1914
1915	217.073	217.052	217.045	217.026	217.117	217.091	217.207	217.259	217.329	217.263	217.295	217.170	217.161	1915
1916	217.084	217.069	217.043	217.095	---	217.708	217.786	218.078	218.075	218.067	217.943	217.908	---	1916
1917	217.801	217.745	217.714	217.708	217.775	217.817	217.806	217.845	217.834	217.734	217.764	217.532	217.740	1917
1918	217.497	217.417	217.364	217.361	217.437	217.503	217.583	217.552	217.525	217.342	217.307	217.232	217.427	1918
1919	217.183	217.147	217.112	217.135	---	217.089	217.223	217.281	---	217.221	217.104	217.057	---	1919
1920	217.019	216.973	216.976	217.073	217.172	217.326	217.496	217.554	217.373	217.498	217.600	217.084	217.263	1920
1921	216.983	216.970	216.942	216.976	217.146	217.112	217.306	217.464	217.436	217.377	---	217.349	---	1921
1922	217.226	217.220	217.141	217.196	217.385	217.563	217.746	217.692	217.669	217.653	217.521	217.145	217.431	1922
1923	217.116	217.095	217.096	217.099	217.232	217.262	217.469	217.550	217.385	217.466	217.397	217.122	217.276	1923
1924	---	---	---	---	---	217.246	217.282	217.389	217.160	217.039	217.263	217.039	---	1924
1925	217.005	216.981	216.965	217.090	217.160	217.265	217.331	217.394	217.476	217.582	217.558	217.289	217.260	1925
1926	217.326	---	---	217.205	217.141	217.323	217.373	---	217.320	217.350	---	---	---	1926
1927	---	---	---	---	217.862	218.072	218.447	218.466	---	---	---	218.240	---	1927
1928	---	---	---	---	217.862	217.822	217.878	217.978	---	217.886	217.674	---	---	1928
1929	---	---	---	---	---	217.427	217.443	217.389	217.117	216.995	216.833	---	---	1929
1930	---	---	---	---	---	217.094	217.111	217.041	216.958	216.883	216.882	216.749	---	1930
1931	216.737	216.710	---	216.691	216.757	216.694	216.702	216.649	216.626	---	---	216.562	---	1931
1932	---	---	216.584	---	---	216.827	216.992	---	---	216.797	---	216.696	---	1932
1933	216.707	216.707	216.719	216.807	---	217.133	217.175	217.160	217.165	216.934	216.896	---	---	1933
1934	216.086	216.883	216.873	216.917	217.214	217.426	217.554	217.610	217.505	217.512	217.333	217.292	217.253	1934
1935	217.265	217.218	217.202	217.213	217.342	217.464	217.554	217.546	217.479	217.438	217.382	217.363	217.373	1935
1936	217.350	217.331	217.310	217.322	217.478	217.633	217.655	217.517	217.327	217.227	217.108	217.007	217.356	1936
1937	216.988	216.978	216.972	216.987	217.113	217.238	217.195	217.169	217.156	217.062	217.049	216.945	217.071	1937
1938	216.950	216.956	216.932	216.969	217.136	217.339	217.457	217.519	217.371	217.186	217.112	217.009	217.163	1938
1939	216.978	216.954	216.923	216.915	216.944	217.062	217.062	217.063	216.956	216.885	216.775	216.753	216.939	1939
1940	216.708	216.701	216.673	216.655	216.679	216.721	216.671	216.538	216.502	216.388	216.464	216.324	216.585	1940
1941	216.315	216.294	216.321	216.390	216.565	216.550	216.538	216.530	216.443	216.447	216.598	216.627	216.469	1941
1942	216.722	216.777	216.810	216.924	217.101	217.080	217.232	217.230	217.257	217.249	217.179	217.132	217.059	1942
1943	217.111	217.090	217.094	217.120	217.356	217.641	217.760	217.851	217.758	217.559	217.484	217.373	217.434	1943
1944	217.316	217.292	217.269	217.238	217.245	217.351	217.461	217.567	217.545	217.516	---	217.366	---	1944
1945	217.334	217.300	217.299	217.474	217.705	217.739	217.824	217.792	217.635	217.556	217.537	217.439	217.555	1945
1946	217.390	217.364	217.346	217.502	217.703	217.707	217.710	217.680	217.556	217.442	217.385	217.321	217.510	1946
1947	217.310	217.352	217.324	217.367	217.589	217.797	218.035	218.055	218.026	217.749	217.753	217.612	217.666	1947
1948	217.532	217.504	217.476	217.474	217.734	217.916	218.011	217.987	217.812	217.599	217.493	---	---	1948
1949	---	217.312	217.292	217.304	217.430	217.397	217.388	217.358	---	---	217.196	---	---	1949
1950	---	217.219	217.228	217.267	217.639	218.188	218.377	---	218.397	218.254	218.174	218.053	---	1950
1951	217.934	217.896	217.870	217.852	217.971	218.082	218.153	218.065	217.990	217.870	217.790	217.709	217.934	1951
1952	217.673	217.677	217.652	217.614	217.735	217.800	---	217.781	217.764	217.691	217.532	217.426	---	1952
1953	217.390	217.337	217.314	217.329	---	---	---	217.933	217.979	---	---	217.644	---	1953
1954	---	217.568	217.563	---	217.674	217.925	218.234	---	---	---	---	218.150	---	1954
1955	218.111	218.084	218.021	218.026	218.225	218.410	218.453	218.337	218.219	218.003	---	217.775	---	1955
1956	217.753	217.723	217.689	217.654	217.892	218.155	218.303	218.228	218.078	217.893	217.800	217.669	217.904	1956
1957	217.606	217.563	217.554	217.582	217.733	217.791	217.827	217.849	217.708	217.499	---	217.360	---	1957
1958	217.331	217.322	217.317	217.350	---	217.417	217.345	217.375	217.203	217.127	217.140	217.087	---	1958
1959	217.081	217.062	217.072	217.093	217.421	217.650	217.743	217.721	217.667	217.683	217.670	217.608	217.458	1959
1960	217.584	217.566	217.542	217.602	217.794	217.883	217.878	217.767	217.571	217.404	217.298	217.226	217.593	1960
1961	217.190	217.180	217.176	217.182	217.250	217.263	217.208	217.038	216.914	216.792	216.703	216.695	217.048	1961
1962	216.696	216.715	216.686	216.780	217.040	217.246	217.462	217.424	217.465	217.425	217.305	217.261	217.178	1962
1963	217.248	217.266	217.261	217.327	217.494	217.564	217.642	217.628	217.440	---	217.256	217.130	---	1963
1964	217.142	---	---	---	---	---	217.453	217.483	217.326	217.300	---	217.288	---	1964
1965	---	217.261	217.285	217.376	217.761	217.988	218.222	218.229	218.126	218.014	217.984	217.901	---	1965
1966	217.874	---	---	---	218.402	218.598	---	---	---	---	---	---	---	1966
MEAN	217.227	217.205	217.187	217.215	217.440	217.513	217.567	217.567	217.475	217.392	217.331	217.274	217.310	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 30 22 N
LONG 096 57 55 W

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1913	---	---	---	1913
1914	---	218.014 ON AUG 06	216.307 ON SEP 13	1914
1915	---	218.014 ON NOV 08	216.765 ON OCT 19	1915
1916	---	218.007 ON SEP 14	216.978 ON APR 07	1916
1917	---	218.782 ON JUL 02	216.106 ON OCT 23	1917
1918	---	218.234 ON JUN 21	216.813 ON NOV 11	1918
1919	---	217.758 ON OCT 22	216.432 ON JUN 28	1919
1920	---	218.053 ON NOV 09	216.880 ON DEC 08	1920
1921	---	218.033 ON AUG 06	216.874 ON MAR 29	1921
1922	---	218.133 ON AUG 07	216.914 ON NOV 28	1922
1923	---	217.944 ON NOV 21	216.975 ON JUN 18	1923
1924	---	217.716 ON AUG 17	216.496 ON SEP 24	1924
1925	---	218.115 ON NOV 06	216.923 ON MAR 02	1925
1926	---	217.962 ON OCT 04	216.925 ON OCT 08	1926
1927	---	218.740 ON JUL 18	217.200 ON JAN 01	1927
1928	---	218.572 ON OCT 03	217.231 ON NOV 09	1928
1929	---	217.673 ON MAY 23	216.713 ON NOV 15	1929
1930	---	217.725 ON OCT 18	216.204 ON SEP 24	1930
1931	---	217.237 ON MAY 19	216.228 ON NOV 02	1931
1932	---	---	---	1932
1933	---	217.551 ON SEP 20	216.387 ON OCT 13	1933
1934	---	218.151 ON AUG 19	216.819 ON MAR 14	1934
1935	---	218.222 ON AUG 27	217.054 ON SEP 01	1935
1936	---	217.959 ON AUG 03	216.810 ON OCT 14	1936
1937	---	217.841 ON JUN 07	216.524 ON OCT 17	1937
1938	---	217.972 ON JUN 07	216.691 ON NOV 16	1938
1939	---	217.627 ON JUL 13	216.341 ON NOV 03	1939
1940	---	217.353 ON NOV 12	216.012 ON OCT 29	1940
1941	---	217.018 ON NOV 20	216.103 ON OCT 31	1941
1942	---	217.902 ON OCT 21	216.515 ON JUN 16	1942
1943	---	218.633 ON SEP 01	216.972 ON OCT 21	1943
1944	---	218.450 ON AUG 31	216.743 ON AUG 26	1944
1945	---	218.203 ON AUG 02	216.944 ON SEP 17	1945
1946	---	218.240 ON SEP 27	216.987 ON OCT 01	1946
1947	---	218.450 ON SEP 14	217.255 ON JAN 03	1947
1948	---	218.465 ON JUL 30	217.018 ON OCT 05	1948
1949	---	217.898 ON NOV 14	216.755 ON OCT 06	1949
1950	---	219.118 ON AUG 19 *	217.112 ON JAN 21	1950
1951	---	218.554 ON JUL 18	217.274 ON OCT 24	1951
1952	---	218.386 ON OCT 27	217.228 ON OCT 20	1952
1953	---	218.615 ON SEP 04	216.844A ON NOV 05	1953
1954	---	---	217.411A ON MAY 20	1954
1955	---	218.770 ON JUL 09	217.484 ON NOV 04	1955
1956	---	218.862 ON OCT 08	217.356 ON NOV 10	1956
1957	---	218.334 ON AUG 03	217.240 ON SEP 08	1957
1958	---	217.990 ON APR 28	216.600 ON OCT 11	1958
1959	---	218.359 ON OCT 08	216.947 ON FEB 02	1959
1960	---	218.228 ON JUN 29	216.832 ON NOV 07	1960
1961	218.447 AT 0400 CST ON OCT 16	217.636 ON JUN 19	216.210 ON OCT 23	1961
1962	---	218.072 ON OCT 16	216.640 ON MAR 10	1962
1963	218.362 AT 1800 CST ON AUG 07	218.045 ON JUL 27	216.759 ON SEP 14	1963
1964	---	218.133 ON AUG 07	216.983 ON SEP 30	1964
1965	219.020 AT 1000 CST ON SEP 05 *	218.752 ON SEP 05	217.207 ON JAN 16	1965
1966	---	---	---	1966

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEG NEAR SANS SOUCI - STATION NO. 050J018

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	217.815	217.665	---	---	---	1972
1973	---	---	---	---	---	217.573	217.631	217.596	217.574	217.558	---	---	---	1973
1974	---	---	---	---	---	---	---	218.726	218.597	218.327	---	---	---	1974
1975	---	---	---	---	---	---	218.467	218.434	218.349	---	---	---	---	1975
MEAN	---	---	---	---	---	217.573	218.049	218.252	218.084	217.850	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 23 28 N
LONG 096 48 30 W

LAKE WINNIPEG NEAR SANS SOUCI - STATION NO. 050J018

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	---	---	1972
1973	218.395 AT 1911 CST ON SEP 05 *	218.124 ON SEP 05 *	---	1973
1974	---	---	---	1974
1975	---	---	---	1975

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE WINNIPEGOSIS AT DAWSON BAY - STATION NO. 05LD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	252.474	---	---	---	252.284	---	---	---	1963
1964	---	---	---	---	---	252.343	252.301	252.279	252.340	252.321	---	---	---	1964
1965	---	---	---	---	---	---	252.814	252.825	---	---	---	---	---	1965
1966	---	---	---	---	---	---	253.327	253.353	253.254	253.197	---	---	---	1966
1969	---	---	---	---	253.105	253.079	---	---	---	252.859	---	---	---	1969
1970	---	---	---	---	---	253.152R	253.204	---	253.149	253.106	---	---	---	1970
1971	---	253.262	253.241	253.312	253.414	253.404	253.262	253.242	253.103	---	---	---	---	1971
1972	---	---	253.099	253.141	253.305	253.401	253.325	253.257	---	---	---	---	---	1972
1973	252.981	252.971	252.992	253.009	253.025	---	---	253.074	252.994	---	252.922	252.979	---	1973
1974	252.995	252.922	253.046	253.092	253.326	253.558	253.525	253.471	253.379	253.362	253.293	253.287	253.281	1974
1975	---	---	253.257	253.270	253.371	253.481	253.414	253.359	253.281	253.295	253.263	---	---	1975
1976	---	253.251	253.254	253.289	253.331	253.375	253.437	253.389	253.332	253.288	253.241	253.063	---	1976
1977	253.049	253.057	253.078	253.090	253.119	253.021	252.974	253.030	252.978	252.996	252.961	252.994	253.020	1977
1978	253.011	253.017	253.025	253.072	253.148	253.132	253.058	252.963	252.953	252.872	252.876	252.910	253.003	1978
1979	252.911	252.917	252.961	253.029	253.246	253.492	253.535	---	253.303	253.212	253.156	253.192	---	1979
1980	253.172	253.169	253.169	253.174	253.135	253.481	252.758	252.683	252.830	252.771	252.758	---	---	1980
1981	253.767	253.763	---	253.840	252.831	252.790	252.758	252.683	252.572	252.558	252.562	252.576	---	1981
1982	252.592	252.595	252.607	252.641	252.682	252.705	252.729	252.684	252.623	252.644	252.610	---	---	1982
1983	---	252.680	252.704	252.793	252.977	253.184	253.246	253.210	253.081	253.074	253.089	253.096	---	1983
1984	---	---	---	253.140	253.271	253.356	253.349	253.249	253.119	253.093	253.109	---	---	1984
1985	---	---	253.156	253.178	253.226	253.222	253.194	253.135	253.039	253.048	253.030	253.038	---	1985
1986	253.043	253.049	253.080	253.153	253.292	253.311	253.298	253.216	253.124	253.054	253.013	253.042	253.140	1986
1987	253.027	253.027	253.053	253.097	253.086	253.103	253.144	253.062	253.000	252.916	252.896	252.920	253.028	1987
1988	253.910	253.920	253.934	253.942	253.924	253.416	253.266	253.152	253.022	252.921	252.935	252.910	253.063	1988
1989	253.909	253.901	253.917	253.930	253.924	252.887	252.808	---	---	252.610	252.655	252.662	---	1989
1990	252.681	252.699	252.728	252.780	252.984	253.071	253.058	---	---	252.758	252.681	252.706	---	1990
MEAN	252.927	252.956	253.018	253.054	253.149	253.134	253.137	253.081	253.019	252.911	252.947	252.942	253.089	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

LOCATION - LAT 52 58 30 N DRAINAGE AREA, 53 500 km²
LONG 100 58 30 W NATURAL FLOW

R - REVISED SINCE JAN 01 1988

LAKE WINNIPEGOSIS AT DAWSON BAY - STATION NO. 05LD002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	---	252.573A ON SEP 30	251.750A ON AUG 06 *	1964
1965	---	---	---	1965
1966	253.639 AT 0145 CST ON JUL 21	253.539 ON JUL 20	---	1966
1969	253.417 AT 1930 CST ON JUN 09	253.304 ON MAY 30	---	1969
1970	253.511 AT 1015 CST ON AUG 17	253.399 ON AUG 17	252.701 ON OCT 02	1970
1971	253.618 AT 2145 CST ON JUN 09	253.487 ON JUN 09	---	1971
1972	---	253.499 ON JUN 10	---	1972
1973	253.670 AT 0640 CST ON SEP 13	253.392 ON SEP 13	---	1973
1974	253.810 AT 1925 CST ON JUL 11 *	253.682 ON JUL 11 *	252.975 ON JAN 06	1974
1975	253.731 AT 1848 CST ON JUN 26	253.594 ON JUN 25	252.996 ON OCT 09	1975
1976	253.726 AT 0535 CST ON JUL 27	253.535 ON JUL 27	252.752 ON NOV 02	1976
1977	253.344 AT 2319 CST ON MAY 24	253.255 ON JUL 27	252.646 ON AUG 10	1977
1978	253.344 AT 1948 CST ON NOV 04	253.249 ON JUN 09	252.722 ON OCT 03	1978
1979	253.697 AT 1317 CST ON JUL 05	253.662 ON JUL 05	252.802A ON NOV 01	1979
1980	253.348 AT 0011 CST ON MAY 24	253.249 ON MAY 24	---	1980
1981	253.985 AT 0109 CST ON JUL 06	253.906 ON JUN 30	252.192 ON SEP 27	1981
1982	253.966 AT 1547 CST ON JUL 02	253.881 ON AUG 02	252.448 ON NOV 03	1982
1983	253.430 AT 1029 CST ON SEP 19	253.332 ON SEP 19	252.661 ON FEB 27	1983
1984	253.530 AT 0813 CST ON JUL 07	253.483 ON JUL 07	252.804 ON AUG 30	1984
1985	253.402 AT 1605 CST ON SEP 05	253.331 ON JUN 24	252.808 ON SEP 25	1985
1986	253.722 AT 1643 CST ON SEP 02	253.551 ON SEP 25	252.716 ON NOV 09	1986
1987	253.508 AT 0150 CST ON JUN 03	253.344 ON JUN 23	252.698 ON NOV 19	1987
1988	253.633 AT 1614 CST ON JUN 23	253.546 ON JUN 23	252.688 ON OCT 25	1988
1989	253.018 AT 1350 CST ON JUN 06	252.994 ON JUN 28	252.369 ON OCT 06	1989
1990	253.239 AT 2152 CST ON JUL 06	253.202 ON JUL 03	252.496 ON OCT 04	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	1913
1914	---	---	---	---	253.606	254.054	254.094	254.079	253.975	253.291	---	---	---	1914
1915	---	---	---	---	---	253.120	253.086	252.991	252.953	252.879	---	---	---	1915
1916	---	---	---	---	252.907	253.119	253.206	253.192	253.182	253.129	253.101	---	---	1916
1917	---	---	---	---	253.340	253.419	253.468	253.429	253.367	---	---	---	---	1917
1918	---	---	---	---	253.284	253.240	253.205	253.188	253.132	---	---	---	---	1918
1919	252.965	252.975	252.981	253.280	252.957	252.855	252.887	252.846	252.820	252.887	252.782	252.951	252.895	1919
1920	252.838	252.849	252.907	253.019	253.083	253.180	253.161	253.033	252.948	252.903	252.897	252.872	252.975	1920
1921	252.868	252.864	252.881	252.932	253.075	253.182	253.169	253.033	252.948	252.903	252.897	252.872	252.975	1921
1922	252.854	252.867	252.881	252.932	253.075	253.182	253.169	253.033	252.948	252.903	252.897	252.872	252.975	1922
1923	252.841	252.852	252.867	252.918	253.061	253.168	253.155	253.028	252.943	252.898	252.892	252.867	252.972	1923
1924	252.846	252.857	252.872	252.923	253.066	253.173	253.160	253.033	252.948	252.903	252.897	252.872	252.977	1924
1925	252.841	252.852	252.867	252.918	253.061	253.168	253.155	253.028	252.943	252.898	252.892	252.867	252.972	1925
1926	252.846	252.857	252.872	252.923	253.066	253.173	253.160	253.033	252.948	252.903	252.897	252.872	252.977	1926
1927	252.841	252.852	252.867	252.918	253.061	253.168	253.155	253.028	252.943	252.898	252.892	252.867	252.972	1927
1928	252.846	252.857	252.872	252.923	253.066	253.173	253.160	253.033	252.948	252.903	252.897	252.872	252.977	1928
1929	252.841	252.852	252.867	252.918	253.061	253.168	253.155	253.028	252.943	252.898	252.892	252.867	252.972	1929
1930	252.663	252.672	252.672	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1930
1931	252.672	252.672	252.672	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1931
1932	252.672	252.672	252.672	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1932
1933	252.672	252.672	252.672	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1933
1934	252.672	252.672	252.672	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1934
1935	252.669	252.669	252.670	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1935
1936	252.669	252.669	252.670	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1936
1937	252.669	252.669	252.670	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1937
1938	252.669	252.669	252.670	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1938
1939	252.669	252.669	252.670	252.729	252.899	252.838	252.892	252.787	252.761	252.717	252.652	252.666	252.746	1939
1940	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1940
1941	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1941
1942	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1942
1943	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1943
1944	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1944
1945	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1945
1946	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1946
1947	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1947
1948	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1948
1949	252.630	252.642	252.651	252.672	252.673	252.663	252.544	252.472	252.471	252.346	252.365	252.310	252.538	1949
1950	252.862	252.897	252.911	252.922	252.938	253.127	253.077	253.022	253.033	253.076	253.015	252.919	252.985	1950
1951	252.862	252.897	252.911	252.922	252.938	253.127	253.077	253.022	253.033	253.076	253.015	252.919	252.985	1951
1952	252.862	252.897	252.911	252.922	252.938	253.127	253.077	253.022	253.033	253.076	253.015	252.919	252.985	1952
1953	252.862	252.897	252.911	252.922	252.938	253.127	253.077	253.022	253.033	253.076	253.015	252.919	252.985	1953
1954	252.862	252.897	252.911	252.922	252.938	253.127	253.077	253.022	253.033	253.076	253.015	252.919	252.985	1954
1955	253.960	253.946	253.870	253.889	254.050	254.108	253.996	253.867	253.779	253.640	253.681	253.647	253.869	1955
1956	253.960	253.946	253.870	253.889	254.050	254.108	253.996	253.867	253.779	253.640	253.681	253.647	253.869	1956
1957	253.960	253.946	253.870	253.889	254.050	254.108	253.996	253.867	253.779	253.640	253.681	253.647	253.869	1957
1958	253.960	253.946	253.870	253.889	254.050	254.108	253.996	253.867	253.779	253.640	253.681	253.647	253.869	1958
1959	253.960	253.946	253.870	253.889	254.050	254.108	253.996	253.867	253.779	253.640	253.681	253.647	253.869	1959
1960	252.987	253.010	253.025	253.103	253.203	253.326	253.304	253.203	253.088	253.044	252.983	252.968	253.104	1960
1961	252.987	253.010	253.025	253.103	253.203	253.326	253.304	253.203	253.088	253.044	252.983	252.968	253.104	1961
1962	252.987	253.010	253.025	253.103	253.203	253.326	253.304	253.203	253.088	253.044	252.983	252.968	253.104	1962
1963	252.987	253.010	253.025	253.103	253.203	253.326	253.304	253.203	253.088	253.044	252.983	252.968	253.104	1963
1964	252.987	253.010	253.025	253.103	253.203	253.326	253.304	253.203	253.088	253.044	252.983	252.968	253.104	1964
1965	252.475	252.499	252.530	252.560	252.730	252.827	252.933	252.906	252.943	252.935	252.924	252.911	252.766	1965
1966	252.475	252.499	252.530	252.560	252.730	252.827	252.933	252.906	252.943	252.935	252.924	252.911	252.766	1966
1967	252.475	252.499	252.530	252.560	252.730	252.827	252.933	252.906	252.943	252.935	252.924	252.911	252.766	1967
1968	252.475	252.499	252.530	252.560	252.730	252.827	252.933	252.906	252.943	252.935	252.924	252.911	252.766	1968
1969	252.475	252.499	252.530	252.560	252.730	252.827	252.933	252.906	252.943	252.935	252.924	252.911	252.766	1969
1970	252.963	252.972	252.987	253.055	253.219	253.251	253.345	253.367	253.334	253.333	253.357	253.395	253.216	1970
1971	252.963	252.972	252.987	253.055	253.219	253.251	253.345	253.367	253.334	253.333	253.357	253.395	253.216	1971
1972	252.963	252.972	252.987	253.055	253.219	253.251	253.345	253.367	253.334	253.333	253.357	253.395	253.216	1972
1973	252.963	252.972	252.987	253.055	253.219	253.251	253.345	253.367	253.334	253.333	253.357	253.395	253.216	1973
1974	252.963	252.972	252.987	253.055	253.219	253.251	253.345	253.367	253.334	253.333	253.357	253.395	253.216	1974
1975	253.421	253.429	253.430	253.459	253.580	253.636	253.630	253.524	253.548	253.486	253.430	253.427	253.500	1975
1976	253.421	253.429	253.430	253.459	253.580	253.636	253.630	253.524	253.548	253.486	253.430	253.427	253.500	1976
1977	253.421	253.429	253.430	253.459	253.580	253.636	253.630	253.524	253.548	253.486	253.430	253.427	253.500	1977
1978	253.421	253.429	253.430	253.459	253.580	253.636	253.630	253.524	253.548	253.486	253.430	253.427	253.500	1978
1979	253.421	253.429	253.430	253.459	253.580	253.636	253.630	253.524	253.548	253.486	253.430	253.427	253.500	1979
1980	253.363	253.371	253.384	253.395	253.367	253.246	253.170	253.089	253.034	252.990	252.943	252.954	253.191	1980
1981	253.363	253.371	253.384	253.395	253.367	253.246	253.170	253.089	253.034	252.990	252.943	252.954	253.191	1981
1982	253.363	253.371	253.384											

LAKE WINNIPEGOSIS AT WINNIPEGOSIS - STATION NO. 051H001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1911	---	---	---	1911
1914	---	254.011 ON JUL 16	---	1914
1915	---	253.755 ON SEP 21	---	1915
1916	---	254.097 ON JUN 13	---	1916
1917	---	253.895 ON MAY 11	---	1917
1918	---	253.271 ON OCT 22	252.493 ON AUG 31	1918
1919	---	---	---	1919
1920	---	253.603 ON SEP 28	252.640 ON OCT 01	1920
1921	---	253.965 ON SEP 11	252.737 ON APR 01	1921
1922	---	254.240 ON MAY 18	253.298 ON OCT 12	1922
1923	---	254.087 ON JUL 23	253.264 ON SEP 19	1923
1924	---	253.712 ON JUL 12	---	1924
1925	---	254.078 ON JUN 08	253.118 ON JAN 04	1925
1926	---	254.023 ON SEP 23	252.804 ON SEP 20	1926
1927	---	---	---	1927
1928	---	253.789 ON SEP 24	252.509 ON OCT 18	1928
1929	---	253.331 ON MAY 30	252.448 ON NOV 04	1929
1930	---	253.484 ON OCT 17	252.341 ON OCT 31	1930
1931	---	253.112 ON MAY 19	252.204 ON OCT 08	1931
1932	---	253.960 ON OCT 24	252.234 ON OCT 30	1932
1933	---	253.258 ON OCT 21	252.277 ON SEP 21	1933
1934	---	253.459 ON AUG 19	252.667 ON NOV 02	1934
1935	---	253.874 ON JUN 03	252.813 ON SEP 27	1935
1936	---	253.926 ON JUN 08	252.783 ON OCT 26	1936
1937	---	254.292 ON JUN 06	252.493 ON OCT 16	1937
1938	---	253.377 ON JUN 07	252.614 ON OCT 06	1938
1939	---	253.072 ON OCT 15	252.384 ON NOV 03	1939
1940	---	252.923 ON JUN 10	252.103 ON OCT 21	1940
1941	---	253.780 ON MAY 09	252.942 ON SEP 14	1941
1942	---	253.149 ON SEP 23	252.890 ON JUN 21	1942
1943	---	253.831 ON SEP 07	252.283 ON OCT 21	1943
1944	---	253.277 ON NOV 02	252.249 ON NOV 05	1944
1945	---	253.261 ON JUN 29	252.448 ON FEB 09	1945
1946	---	253.490 ON NOV 16	252.484 ON NOV 13	1946
1947	---	253.972 ON SEP 14	252.658 ON JUN 05	1947
1948	---	253.109 ON JUL 16	252.710 ON OCT 05	1948
1949	---	253.749 ON MAY 17	---	1949
1950	---	253.664 ON AUG 18	252.627 ON AUG 29	1950
1951	---	253.517 ON OCT 16	252.755 ON OCT 28	1951
1952	---	254.020 ON MAY 27	252.633 ON AUG 01	1952
1953	---	---	253.030 ON JAN 01	1953
1954	---	---	---	1954
1955	---	254.325 ON MAY 04	253.380 ON OCT 26	1955
1956	---	254.020 ON NOV 07	253.258 ON SEP 20	1956
1957	---	254.008 ON JUN 16	252.021 ON NOV 02	1957
1958	---	253.837 ON MAY 18	252.448 ON OCT 01	1958
1959	---	253.734 ON JUN 28	252.704 ON OCT 01	1959
1960	---	253.542 ON JUN 29	252.649 ON OCT 24	1960
1961	---	253.185 ON JUN 19	252.328 ON NOV 01	1961
1962	---	253.078 ON MAY 30	252.113 ON NOV 02	1962
1963	253.333 AT 0915 CST ON MAY 20	253.993 ON MAY 20	252.073 ON SEP 30	1963
1964	253.322 AT 1900 CST ON AUG 10	252.841 ON AUG 11	---	1964
1965	253.722 AT 1750 CST ON MAY 26	253.618 ON MAY 26	252.460 ON JAN 02	1965
1966	253.919 AT 2205 CST ON AUG 17	253.749 ON SEP 04	---	1966
1967	254.173 AT 0910 CST ON JUN 21	253.917 ON JUN 21	252.710 ON OCT 28	1967
1968	254.002 AT 1635 CST ON MAY 17	254.776 ON MAY 18	252.722 ON SEP 19	1968
1969	253.789 AT 2051 CST ON NOV 13	253.653 ON NOV 13	---	1969
1970	254.209 AT 1920 CST ON SEP 21	253.865 ON OCT 02	252.914 ON JUL 01	1970
1971	254.423 AT 0257 CST ON JUL 25	253.993 ON NOV 06	252.027 ON SEP 11	1971
1972	254.148 AT 2046 CST ON JUN 14	253.865 ON JUN 14	252.890 ON OCT 08	1972
1973	253.685 AT 1948 CST ON JUN 19	253.609 ON JUN 19	252.795 ON OCT 28	1973
1974	254.212 AT 0907 CST ON SEP 29	253.984 ON JUL 28	253.072 ON NOV 21	1974
1975	---	253.389A ON SEP 19	253.161 ON NOV 11	1975
1976	254.206 AT 2046 CST ON OCT 14	253.978 ON JUN 14	252.051 ON OCT 27	1976
1977	254.020 AT 1747 CST ON NOV 20	253.767 ON NOV 20	252.704 ON NOV 12	1977
1978	253.670 AT 1411 CST ON JUL 26	253.588 ON MAY 31	253.847 ON OCT 16	1978
1979	254.191 AT 1253 CST ON OCT 05	253.969 ON AUG 13	253.078 ON JAN 07	1979
1980	253.726 AT 1510 CST ON MAY 10	253.598 ON MAY 10	252.712A ON OCT 09	1980
1981	253.913 AT 2343 CST ON SEP 26	253.457 ON JUN 18	252.293 ON OCT 08	1981
1982	253.555 AT 1856 CST ON JUL 17	253.411 ON AUG 08	252.802 ON SEP 26	1982
1983	253.835 AT 0445 CST ON JUN 15	253.783A ON JUL 23	252.087 ON JAN 02	1983
1984	254.469 AT 1852 CST ON APR 27	254.153 ON APR 27	253.087 ON SEP 06	1984
1985	254.086 AT 2238 CST ON JUN 08	253.987A ON JUN 17	252.972A ON OCT 17	1985
1986	254.376 AT 1414 CST ON NOV 08	254.049 ON NOV 08	252.054 ON OCT 09	1986
1987	254.128 AT 1120 CST ON OCT 01	253.602 ON OCT 05	252.912 ON NOV 10	1987
1988	254.243 AT 1638 CST ON MAY 17	254.110 ON MAY 17	252.887 ON OCT 22	1988
1989	253.771 AT 1741 CST ON JUN 12	253.548 ON JUN 12	252.547 ON OCT 16	1989
1990	253.774 AT 1726 CST ON JUN 02	253.653 ON JUN 02	252.769 ON NOV 07	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE SASKATCHEWAN RIVER ABOVE RAPID CITY DAM - STATION NO. 05MF801

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	479.785	---	---	---	---	---	---	---	1984
1985	---	---	---	---	479.537	---	---	---	---	---	---	---	---	1985
1986	---	---	---	---	---	479.792	---	---	---	---	---	---	---	1986
1989	---	---	---	---	---	---	---	---	479.562	479.547	---	---	---	1989
1990	---	---	---	---	479.673	479.575	479.619	479.564	479.498	479.507	---	---	---	1990
MEAN	---	---	---	---	479.605	479.717	479.619	479.564	479.530	479.527	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 07 18 N DRAINAGE AREA, 3 250 km²
LONG 100 02 24 W REGULATED SINCE 1962DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1961-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

LITTLE SASKATCHEWAN RIVER ABOVE RAPID CITY DAM - STATION NO. 05MF801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1989	---	---	---	1989
1990	---	479.872 ON APR 28 *	479.380 ON MAY 10 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LONG LAKE NEAR LITTLE GRAND RAPIDS - STATION NO. 05RD010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	29.726	29.950	29.967	---	---	29.576	---	1969
1970	---	---	28.811	28.704	28.887	29.040	---	---	29.099	---	28.818	---	---	1970
1971	---	---	---	28.933	---	29.830	29.429	29.314	29.258	29.113	28.955	28.868	---	1971
1972	---	---	---	---	---	---	---	---	---	28.783	---	---	---	1972
1973	---	---	28.626	28.733	29.043	29.331	29.419	29.140	29.001	29.132	29.267	29.381	---	1973
1974	---	28.956	---	28.843	29.452	30.089	29.931	29.390	29.300	29.514	---	---	---	1974
1975	---	---	---	28.699	29.119	29.603	29.772	29.726	29.589	29.389	---	---	---	1975
1976	---	---	---	---	29.141	29.181	29.080	28.791	28.543	28.384	---	---	---	1976
1977	---	---	---	28.314	28.404	28.515	28.872	28.883	29.338	29.664	29.477	29.197	---	1977
1978	28.986	28.824	28.684	28.693	29.109	29.260	29.606	29.836	29.801	29.714	29.452	29.219	29.269	1978
1979	29.043	---	---	28.847	29.559	30.315	29.790	29.275	29.140	29.094	29.120	---	---	1979
1980	---	28.923	28.772	28.767	28.941	29.144	29.230	28.987	29.047	28.869	28.749	28.806	---	1980
1981	28.771	28.666	28.564	28.592	28.746	28.969	29.358	29.250	29.035	29.038	29.083	29.113	28.934	1981
1982	29.050	28.900	28.768	28.845	29.389	29.958	29.921	29.482	29.169	29.037	28.871	28.772	29.182	1982
1983	28.749	28.694	28.622	28.633	28.825	29.232	29.410	29.423	29.159	28.864	28.658	28.557	28.921	1983
1984	---	---	---	28.683	28.957	29.333	29.529	29.284	28.983	28.857	28.918	---	---	1984
1985	---	---	---	28.810	29.230	29.555	29.812	29.900	29.721	29.580	29.424	29.260	---	1985
1986	29.068	28.884	28.746	29.026	29.642	29.939	29.450	---	---	---	---	---	---	1986
1987	---	28.962	---	---	---	---	29.188	29.008	28.842	28.543	28.424	28.336	---	1987
1988	28.287	28.268	---	---	---	---	---	---	28.547	28.480	28.387	28.378	---	1988
1989	28.451	28.488	28.461	28.436	28.598	28.937	29.336	29.328	29.166	28.962	28.831	28.697	28.810	1989
1990	28.627	28.588	28.578	28.897	29.554	30.020	29.751	29.300	28.979	28.706	28.538	28.475	29.003	1990
MEAN	28.781	28.732	28.663	28.733	29.100	29.459	29.511	29.353	29.184	29.038	28.936	28.903	29.020	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 11 30 N
LONG 096 05 20 W NATURAL FLOW

LONG LAKE NEAR LITTLE GRAND RAPIDS - STATION NO. 05RD010

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1969	---	---	---	1969
1970	---	---	---	1970
1971	29.950 AT 1700 CST ON JUN 03	29.947 ON JUN 05	28.724 ON APR 06	1971
1972	29.560 AT 1617 CST ON JUL 03	29.560 ON JUL 03	28.593 ON MAR 22	1972
1973	30.285 AT 1010 CST ON JUN 25	30.273 ON JUN 26	---	1973
1974	---	---	---	1974
1975	29.867 AT 1118 CST ON JUN 30	29.861 ON JUL 01	---	1975
1976	29.391 AT 1148 CST ON JUL 06	29.230 ON JUL 01	---	1976
1977	29.700 AT 1820 CST ON OCT 19	29.697 ON OCT 19	---	1977
1978	29.883 AT 1043 CST ON AUG 17	29.876 ON AUG 17	28.624 ON APR 16	1978
1979	30.402 AT 2112 CST ON JUN 14	30.398 ON JUN 14	28.656 ON APR 12	1979
1980	29.290 AT 1217 CST ON JUL 06	29.282 ON JUL 06	---	1980
1981	29.391 AT 1148 CST ON JUL 06	29.384 ON JUL 04	28.524 ON MAR 26	1981
1982	30.125 AT 1921 CST ON JUN 25	30.123 ON JUN 25	28.686 ON APR 13	1982
1983	29.688 AT 1612 CST ON JUN 28	29.685 ON JUN 28	28.535 ON DEC 23	1983
1984	29.560 AT 1741 CST ON JUL 04	29.559 ON JUL 05	---	1984
1985	30.051 AT 1752 CST ON AUG 05	30.044 ON AUG 05	28.654 ON APR 11	1985
1986	30.030 AT 1836 CST ON JUN 12	30.025 ON JUN 10	---	1986
1987	---	---	28.323 ON DEC 27	1987
1988	29.373 AT 0626 CST ON AUG 26	29.371 ON AUG 26	28.404 ON APR 19	1988
1989	---	---	---	1989
1990	30.087 AT 1958 CST ON JUN 16	30.080 ON JUN 15	28.460 ON DEC 26	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAPLE LAKE NEAR PIPESTONE - STATION NO. 05NG022

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	---	---	430.101	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	---	---	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	---	---	---	---	---	---	---	---	---	---	1990
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 30 14 N DRAINAGE AREA, 1 190 km²
LONG 100 48 58 W REGULATED SINCE 1968REMARKS - PREVIOUS TO 1988 PUBLISHED UNDER THE NAME "MAPLE (MARSHY) LAKE NEAR PIPESTONE"
REMARKS *** - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

MAPLE LAKE NEAR PIPESTONE - STATION NO. 05NG022

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	431.502 ON MAY 06	---	1975
1978	---	---	---	1978
1979	---	430.829 ON JUN 05	DRY ON MAR 01	1979
1980	---	430.095A ON APR 09	---	1980
1981	---	---	DRY ON APR 11	1981
1982	430.287 AT 1655 CST ON APR 15	430.283A ON APR 14	---	1982
1983	430.628 AT 1425 CST ON MAY 13	430.919 ON MAY 06	---	1983
1984	430.377 AT 1847 CST ON MAY 04	430.375 ON MAY 04	---	1984
1985	430.378 AT 1434 CST ON APR 29	430.374 ON APR 29	---	1985
1986	430.630 AT 0921 CST ON MAY 10	430.628 ON MAY 10	430.122A ON NOV 03	1986
1987	430.750 AT 1951 CST ON APR 19	430.748 ON APR 19	430.016A ON NOV 03	1987
1988	---	429.853A ON APR 05	DRY ON APR 18	1988
1989	---	---	DRY ON MAR 01	1989
1990	---	430.094 ON APR 05	DRY ON APR 27	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARGARET LAKE NEAR OTTER FALLS - STATION NO. 05PF801

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	274.670	274.269	274.262	---	---	---	---	---	1986
1987	---	---	---	---	---	274.166	274.125	---	---	---	---	---	---	1987
1988	---	---	---	---	---	274.143	274.176	274.182	---	---	---	---	---	1988
1989	---	---	---	---	---	274.579	---	274.488	---	---	---	---	---	1989
MEAN	---	---	---	---	---	274.389	274.190	274.311	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 08 39 N DRAINAGE AREA, 127 000 km²
LONG 095 49 04 W REGULATED

MARGARET LAKE NEAR OTTER FALLS - STATION NO. 05PF801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MARY JANE RESERVOIR NEAR LA RIVIERE - STATION NO. 05OB014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	468.391	468.275	468.188	468.085	468.009	467.962	467.948	---	1960
1961	467.919	467.928	468.084	---	468.449	468.323	468.164	467.990	468.894	467.924	467.749	467.727	---	1961
1962	467.724	467.733	467.742	468.148	468.465	468.440	468.374	468.312	468.200	468.113	468.088	468.061	468.119	1962
1963	468.037	468.005	468.151	468.455	468.438	468.376	468.344	468.235	468.235	468.140	468.068	468.043	468.230	1963
1964	468.020	468.006	467.999	468.410	468.417	468.311	468.330	468.304	468.243	468.195	468.138	468.094	468.206	1964
1965	468.093	468.086	468.062	---	468.494	468.410	468.346	468.307	468.267	468.252	468.204	468.205	---	1965
1966	---	---	---	---	---	---	---	468.286	468.158	468.051	468.009	---	---	1966
1967	---	467.984	---	---	---	468.495	468.368	468.229	468.063	467.982	467.946	467.926	---	1967
1968	---	---	468.126	468.496	468.487	468.450	468.486	---	468.517	468.465	468.459	468.451	---	1968
1969	---	---	---	---	468.486	468.451	---	---	468.280	468.220	468.175	468.148	---	1969
1970	---	---	---	468.646	468.614	468.475	468.420	468.279	468.179	468.092	---	---	---	1970
1971	468.012	---	---	---	---	468.450	---	---	---	---	468.325	468.321	---	1971
1972	468.309	---	---	---	---	468.416	468.293	468.256	468.153	468.062	468.034	---	---	1972
1973	---	467.951	468.079	468.178	468.159	468.099	468.426	468.473	---	---	---	468.311	---	1973
1974	468.303	468.292	468.285	468.609	468.594	468.476	468.326	468.195	468.132	468.040	467.981	467.943	468.264	1974
1975	467.924	467.908	467.900	---	468.504	468.456	---	---	---	---	468.160	468.143	---	1975
1976	---	468.127	---	---	468.441	468.339	468.206	468.049	467.906	467.793	467.726	467.681	---	1976
1977	467.668	467.644	467.638	467.711	468.073	468.753	469.090	468.960	468.998	468.480	468.432	468.436	468.328	1977
1978	468.441	468.426	468.412	468.629	468.512	468.435	468.419	468.317	468.238	468.159	468.099	468.076	468.346	1978
1979	468.070	468.055	468.060	---	---	---	468.459	468.327	468.234	468.145	468.108	468.088	---	1979
1980	468.073	468.057	468.034	468.463	468.430	468.312	468.224	468.136	468.083	468.037	468.009	467.973	468.153	1980
1981	467.943	467.962	468.302	468.469	468.394	468.336	468.245	468.165	468.105	468.068	468.043	468.008	468.171	1981
1982	467.975	467.951	467.941	468.453	468.466	468.441	468.394	468.304	468.179	468.184	468.163	468.143	468.217	1982
1983	468.119	468.091	468.302	468.583	468.459	468.376	468.293	468.102	467.976	467.937	467.898	467.872	468.168	1983
1984	467.838	467.812	467.882	468.385	468.486	468.463	468.358	468.233	468.115	468.078	468.092	468.087	468.153	1984
1985	468.067	468.038	---	468.553	468.455	468.424	468.419	468.474	468.457	468.446	468.490	468.489	---	1985
1986	468.476	468.464	468.557	468.588	468.553	468.406	468.348	468.266	468.129	468.087	468.065	468.083	468.335	1986
1987	468.066	468.058	468.068	468.551	468.423	468.361	468.281	468.230	468.168	468.102	468.049	468.026	468.199	1987
1988	467.990	467.963	468.056	468.447	468.405	468.250	468.094	467.886	467.721	467.642	467.591	467.562	467.967	1988
1989	467.554	467.531	467.507	468.068	468.472	468.415	468.318	468.157	468.084	467.988	467.945	467.909	467.998	1989
1990	467.877	467.855	467.917	468.558	468.500	468.496	468.478	468.343	468.214	468.101	468.039	468.019	468.201	1990
MEAN	468.022	467.997	468.050	468.420	468.449	468.406	468.363	468.263	468.178	468.096	468.071	468.063	468.191	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 17 14 N DRAINAGE AREA, 74.1 km²
LONG 098 37 27 W REGULATED

MARY JANE RESERVOIR NEAR LA RIVIERE - STATION NO. 050B014
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	468.724 ON MAR 27	467.722 ON DEC 13	1961
1962	---	468.728 ON APR 21	467.700 ON FEB 05	1962
1963	---	468.575 ON MAR 24	467.990 ON MAR 06	1963
1964	---	468.657 ON APR 09	467.993 ON MAR 11	1964
1965	---	---	468.054 ON MAR 24	1965
1966	---	---	---	1966
1967	469.270 AT 1800 CST ON APR 20	468.950 ON APR 20	467.920 ON DEC 06	1967
1968	---	---	467.877 ON MAR 03	1968
1969	---	469.819 ON APR 11 *	468.142 ON DEC 20	1969
1970	---	469.758 ON APR 26	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	468.548 ON JUL 09	467.947 ON FEB 25	1973
1974	---	469.453 ON APR 18	467.935 ON DEC 18	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	469.163A ON JUN 24	467.630 ON MAR 07	1977
1978	469.179 AT 2000 CST ON APR 06	468.947 ON APR 06	468.063 ON DEC 16	1978
1979	---	---	---	1979
1980	468.713 AT 1637 CST ON APR 07	468.694 ON APR 07	467.958 ON DEC 31	1980
1981	468.512 AT 1825 CST ON MAR 29	468.512 ON MAR 29	467.931 ON JAN 23	1981
1982	468.641 AT 1850 CST ON APR 13	468.628 ON APR 13	467.924 ON MAR 13	1982
1983	468.781 AT 0309 CST ON APR 09	468.772 ON APR 09	467.852 ON DEC 31	1983
1984	468.527 AT 1537 CST ON MAY 11	468.527 ON MAY 11	467.807 ON FEB 16	1984
1985	---	---	---	1985
1986	468.984 AT 2221 CST ON MAR 24	468.904 ON MAR 24	468.049 ON NOV 04	1986
1987	469.676 AT 0033 CST ON APR 06 *	469.421 ON APR 06	468.011 ON DEC 31	1987
1988	468.501 AT 1724 CST ON APR 08	468.498 ON APR 08	467.554 ON DEC 23	1988
1989	468.595 AT 0246 CST ON APR 18	468.592 ON APR 18	467.496 ON MAR 22 *	1989
1990	468.736 AT 2202 CST ON APR 02	468.708 ON APR 02	467.841 ON MAR 09	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

METIGOSHE LAKE NEAR METIGOSHE - STATION NO. 05NF804

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	651.555	651.587	651.494	651.383	651.240	651.142	651.101	---	---	---	1988
1989	---	---	---	---	651.234	651.227	651.191	651.053	650.982	650.899	---	---	---	1989
1990	---	---	---	---	651.008	651.042	651.042	650.969	650.917	650.843	---	---	---	1990
MEAN	---	---	---	651.555	651.276	651.254	651.205	651.087	651.014	650.948	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 00 05 N DRAINAGE AREA, 174 km² DATA CONTRIBUTED BY -
LONG 100 21 58 W REGULATED MANITOBA WATER RESOURCES BRANCH

REMARKS - DATA FOR THE PERIOD 1973-82 CAN BE OBTAINED FROM THE PROVINCE OF MANITOBA, WATER RESOURCES BRANCH.

METIGOSHE LAKE NEAR METIGOSHE - STATION NO. 05NF804

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	651.603 ON MAY 17 *	---	1988
1989	---	---	---	1989
1990	---	651.092 ON JUN 20	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOOSE LAKE NEAR SPRAGUE - STATION NO. 05PD802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	346.849	346.784	---	---	---	---	---	---	1987
1988	---	---	---	---	---	346.610	346.636	346.587	---	---	---	---	---	1988
1989	---	---	---	---	---	---	---	346.898	---	---	---	---	---	1989
1990	---	---	---	---	---	346.843	346.823	346.695	---	---	---	---	---	1990
MEAN	---	---	---	---	---	346.767	346.748	346.727	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 11 52 N DRAINAGE AREA, 24.3 km² DATA CONTRIBUTED BY -
LONG 095 20 14 W REGULATED SINCE 1957 MANITOBA WATER RESOURCES BRANCH

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MORDEN RESERVOIR NEAR MORDEN - STATION NO. 050C801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	329.324	329.249	---	---	329.735	329.638	329.505	329.209	---	---	328.715	328.650	---	1983
1984	328.493	---	---	329.151	---	329.222	329.071	---	---	---	328.148	328.033	---	1984
1985	327.913	327.795	328.648	329.765	329.644	329.502	329.671	329.644	329.648	329.584	329.604	329.583	329.258	1985
1986	329.504	329.441	329.581	---	---	---	329.424	329.215	---	---	328.683	328.553	---	1986
MEAN	328.809	328.828	329.105	329.458	329.690	329.454	329.418	329.356	329.648	329.584	328.783	328.705	329.258	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 10 55 N DRAINAGE AREA, 131 km²
LONG 098 08 04 W REGULATED SINCE 1953

REMARKS - DATA FOR THE PERIOD 1960-82 CAN BE OBTAINED FROM THE PROVINCE OF MANITOBA, WATER RESOURCES BRANCH

MORDEN RESERVOIR NEAR MORDEN - STATION NO. 050C801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	328.548 ON DEC 29	1983
1984	---	---	---	1984
1985	---	329.924 ON MAR 19 *	327.701 ON MAR 13 *	1985
1986	---	---	---	1986

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NELSON RIVER AT MORRAY HOUSE - STATION NO. 05UB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	216.652	216.594	---	---	---	216.803	216.819	---	---	---	1915
1916	---	---	---	---	216.923	217.207	217.385	217.463	217.431	217.553	---	---	---	1916
1917	---	---	---	---	---	217.342	217.418	217.372	217.338	---	217.204	---	---	1917
1918	---	---	---	---	216.946	---	217.135	217.137	217.046	216.965	---	---	---	1918
1919	---	---	---	---	216.768	216.752	216.783	---	216.703	216.649	216.570	216.553	---	1919
1920	---	216.524	216.532	216.544	216.845	216.950	217.041	217.038	216.973	---	---	---	---	1920
1921	---	216.472	---	---	---	217.033	217.050	217.018	216.997	216.911	216.793	216.733	---	1921
1922	216.776	---	216.742	---	217.006	217.168	217.224	---	217.169	---	---	---	---	1922
1923	216.745	---	---	216.759	---	217.014	217.067	217.043	217.054	217.025	---	---	---	1923
1924	---	---	---	216.810	216.832	216.876	216.883	216.813	216.747	216.768	216.702	216.571	---	1924
1925	216.540	216.481	216.445	---	216.798	216.931	217.106	217.187	217.104	216.971	216.848	216.880	---	1925
1926	216.860	216.813	216.737	216.733	216.860	216.882	216.921	216.827	216.699	216.731	---	216.824	---	1926
1927	216.821	---	---	---	217.375	217.747	217.906	217.958	218.009	217.921	217.595	217.589	---	1927
1928	216.821	217.412	217.355	217.349	217.396	217.316	217.384	217.412	217.322	217.237	---	217.064	---	1928
1929	217.095	217.091	217.045	216.986	217.106	217.041	216.976	216.846	216.662	216.592	216.411	216.322	216.846	1929
1930	216.265	216.238	216.237	216.346	216.475	216.615	216.595	216.540	216.317	216.280	216.309	216.241	216.372	1930
1931	216.209	216.157	216.133	---	216.196	216.179	216.173	216.120	216.168	216.201	216.155	216.098	---	1931
1932	216.068	216.054	216.054	216.087	216.308	216.378	216.435	216.431	216.325	216.215	216.173	216.173	216.226	1932
1933	216.095	216.108	216.124	216.143	216.398	---	---	---	---	---	---	---	---	1933
1947	---	---	---	---	---	---	---	---	---	217.359	217.114	217.054	---	1947
1948	216.999	216.932	216.904	216.907	217.236	217.228	217.410	217.424	217.366	217.144	216.939	216.757	217.113	1948
1949	216.782	216.745	216.746	216.815	216.935	216.954	216.850	216.780	216.585	216.602	216.518	216.589	216.742	1949
1950	216.616	216.579	216.575	216.579	217.064	217.333	217.820	217.854	217.857	217.782	217.592	217.478	217.349	1950
1951	217.369	217.286	217.191	217.238	217.462	217.567	217.543	217.503	217.333	217.342	217.180	217.168	217.140	1951
1952	217.107	217.055	217.047	217.101	217.235	217.280	217.320	217.486	217.517	217.359	217.312	216.924	217.140	1952
1953	216.834	216.804	216.756	216.808	216.859	217.022	217.679	217.745	217.692	217.728	217.669	---	---	1953
1954	216.972	216.947	216.919	216.909	217.161	217.422	217.679	217.745	217.692	217.728	217.669	---	---	1954
1955	217.508	217.438	217.352	217.440	217.674	217.826	217.883	217.832	217.611	217.464	---	217.213	---	1955
1956	217.129	217.110	217.092	217.108	217.431	217.670	217.736	217.657	217.508	217.339	---	217.119	---	1956
1957	217.061	217.010	216.971	217.020	217.237	217.333	217.344	217.340	217.226	217.003	---	216.801	---	1957
1958	216.748	216.709	216.705	216.817	216.821	216.850	216.859	216.841	216.762	216.645	---	216.535	---	1958
1959	---	216.512	216.501	216.568	216.984	217.152	217.256	217.264	217.198	---	---	217.025	---	1959
1960	---	---	---	---	---	217.400	---	---	---	---	---	---	---	1960
1961	216.630	216.596	216.591	216.640	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	216.534	216.554	---	---	---	---	216.870	216.792	---	---	---	---	1964
1965	---	---	---	---	217.200	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	218.245	218.303	218.136	217.947	217.696	---	217.457	---	1966
1967	217.437	217.437	217.414	217.481	217.808	217.860	218.303	218.136	217.947	217.696	217.173	217.249	---	1967
1968	---	217.024	---	---	217.111	217.111	217.239	217.239	217.239	217.239	217.239	217.239	---	1968
1969	217.345	217.398	217.426	217.584	217.440	217.436	217.729	217.693	217.688	---	217.613	217.633	---	1969
1970	217.637	217.636	217.624	217.653	217.898	217.981	218.054	217.907	217.640	217.474	217.465	217.500	217.707	1970
1971	---	217.574	217.572	217.728	217.918	217.966	217.691	217.575	---	---	217.028	217.206	---	1971
1972	217.304	217.367	217.410	217.567	217.894	217.942	217.683	217.490	217.294	217.167	---	---	---	1972
1973	217.078	217.108	217.147	217.248	217.448	217.442	217.420	217.372	217.209	217.186	217.021	217.105	217.198	1973
1974	217.179	217.244	217.321	217.492	217.942	218.307	218.401	218.235	217.992	217.891	217.721	217.457	217.768	1974
1975	217.570	217.660	217.639	---	217.978	218.016	217.999	217.870	217.870	217.590	---	---	---	1975
1976	---	---	---	217.299	217.335	217.350	217.344	217.408	217.192	---	---	---	---	1976
1977	---	---	---	216.765	---	---	216.760	216.755	216.772	216.879	---	---	---	1977
1978	---	---	---	---	---	---	217.526	217.637	217.624	217.613	217.509	217.337	---	1978
1979	217.215	217.206	217.212	217.224	217.468	217.719	217.677	217.633	217.592	217.398	217.037	217.064	217.371	1979
1980	---	---	217.133	217.231	217.455	217.466	217.539	217.493	217.468	217.289	217.066	216.979	---	1980
1981	216.950	216.902	216.924	217.069	217.090	217.172	217.144	217.358	217.257	217.255	216.910	216.768	217.074	1981
1982	---	---	216.860	216.955	217.254	217.481	217.639	217.707	217.433	217.232	217.023	216.981	---	1982
1983	216.914	216.927	216.984	217.117	217.289	217.353	217.693	217.627	217.458	217.336	217.119	---	---	1983
1984	216.936	216.924	216.927	217.047	217.273	217.397	217.479	217.433	217.152	217.086	---	---	---	1984
1985	216.862	216.904	216.892	216.941	217.124	217.285	217.497	217.586	217.649	217.643	217.569	217.488	217.289	1985
1986	217.388	217.367	217.376	217.503	217.590	217.550	217.617	217.601	217.387	217.136	216.999	217.000	217.393	1986
1987	216.977	216.980	217.044	217.291	217.464	217.563	217.568	217.534	217.430	217.157	216.984	216.848	217.235	1987
1988	216.761	216.744	216.753	216.877	217.008	217.088	217.077	216.968	216.889	216.730	216.694	216.589	216.848	1988
1989	216.551	216.599	216.680	216.789	217.001	217.115	217.279	217.243	217.124	216.924	216.807	216.683	216.901	1989
1990	216.612	216.618	216.652	216.771	217.044	217.225	217.425	217.472	217.325	217.126	216.897	216.757	216.996	1990
MEAN	216.938	216.912	216.916	217.005	217.155	217.329	217.370	217.353	217.224	217.145	217.023	216.935	217.097	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 00 00 N
LONG 097 48 00 W REGULATED SINCE 1973

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	----	216.926 ON OCT 12	----	1915
1916	----	217.703 ON OCT 30	----	1916
1917	----	217.480 ON JUL 15	----	1917
1918	----	217.884 ON JUN 15	----	1918
1919	----	216.911 ON JUL 19	----	1919
1920	----	217.127 ON JUL 13	----	1920
1921	----	217.282 ON JUL 04	----	1921
1922	----	217.282 ON JUL 24	----	1922
1923	----	217.176 ON SEP 03	----	1923
1924	----	217.024 ON JUN 21	216.429 ON AUG 31	1924
1925	----	217.274 ON AUG 21	216.445 ON MAR 01	1925
1926	----	216.960 ON JUN 15	216.442 ON SEP 24	1926
1927	----	216.438 ON SEP 18	216.777 ON MAR 27	1927
1928	----	217.191 ON MAY 21	216.786 ON OCT 29	1928
1929	----	217.191 ON MAY 21	216.292 ON DEC 24	1929
1930	----	216.719 ON JUN 13	216.003 ON OCT 19	1930
1931	----	216.359 ON OCT 08	216.948 ON AUG 29	1931
1932	----	216.713 ON JUL 15	216.021 ON NOV 11	1932
1933	----	----	----	1933
1947	----	217.588 ON AUG 22	216.673 ON DEC 07	1947
1948	----	217.100 ON JUN 28	216.328 ON NOV 23	1948
1949	----	218.045 ON AUG 07	216.554 ON MAR 29	1949
1950	----	217.679 ON JUN 18	217.069 ON NOV 04	1950
1951	----	217.450 ON JUL 02	216.771 ON NOV 19	1951
1952	----	217.777 ON NOV 07	216.591 ON MAY 10	1952
1953	----	217.929 ON OCT 21	216.877 ON APR 10	1953
1954	----	217.999 ON JUL 21	216.755 ON NOV 07	1954
1955	----	217.801 ON JUL 23	216.923 ON NOV 07	1955
1956	----	217.487 ON JUL 29	----	1956
1957	----	216.954 ON MAY 13	216.499 ON DEC 04	1957
1958	----	217.380 ON AUG 05	216.490 ON MAR 27	1958
1959	----	217.475 ON JUN 08	215.926 ON OCT 29 *	1959
1960	----	216.874 ON MAY 12	216.106 ON FEB 13	1960
1961	----	217.005 ON OCT 02	216.405 ON NOV 12	1961
1962	----	217.325 ON JUL 12	216.469 ON NOV 21	1962
1963	----	217.069 ON JUL 24	216.679 ON FEB 01	1963
1964	----	217.758 ON AUG 14	217.268 ON NOV 16	1964
1965	216.551 AT 1730 CST ON JUL 21	218.414 ON JUL 21	----	1965
1966	218.112 AT 0800 CST ON JUN 04	217.950 ON MAY 22	217.322 ON JAN 01	1966
1967	217.917 AT 0714 CST ON MAY 26	217.505 ON NOV 13	217.103 ON OCT 03	1967
1968	218.167 AT 1503 CST ON AUG 09	217.892 ON MAY 26	216.862 ON OCT 17	1968
1969	218.048 AT 0100 CST ON MAY 29	217.993 ON MAY 28	216.890 ON NOV 08	1969
1970	218.008 AT 1207 CST ON MAY 09	217.993 ON MAY 15	217.140 ON JAN 01	1970
1971	217.348 AT 1210 CST ON JUL 12	218.517 ON JUL 12	----	1971
1972	218.600 AT 0915 CST ON JUL 13	218.572 ON JUL 13 *	216.828 ON JAN 06	1972
1973	----	219.179 ON AUG 07	216.797 ON NOV 04	1973
1974	217.581 AT 1400 CST ON AUG 18	217.548 ON AUG 18	216.785 ON NOV 20	1974
1975	217.844 AT 1520 CST ON SEP 23	217.801 ON SEP 23	216.405 ON OCT 28	1975
1976	217.896 AT 1936 CST ON JUN 25	217.850 ON JUL 08	216.533 ON JAN 08	1976
1977	217.742 AT 0940 CST ON AUG 29	217.680 ON AUG 29	----	1977
1978	217.565 AT 1410 CST ON SEP 23	217.517 ON SEP 23	216.935A ON NOV 30	1978
1979	218.118 AT 1230 CST ON AUG 08	218.054 ON AUG 09	216.675 ON DEC 06	1979
1980	217.801 AT 2221 CST ON AUG 03	217.794 ON AUG 03	216.804 ON NOV 21	1980
1981	217.672 AT 1740 CST ON JUN 30	217.624 ON JUN 30	216.788 ON NOV 25	1981
1982	217.940 AT 1900 CST ON AUG 26	217.891 ON SEP 15	----	1982
1983	217.789 AT 1300 CST ON JUL 06	217.733 ON JUL 06	216.828 ON JAN 06	1983
1984	217.704 AT 1900 CST ON JUL 24	217.665 ON JUN 24	216.797 ON NOV 04	1984
1985	217.336 AT 1624 CST ON SEP 08	217.277 ON SEP 08	216.785 ON NOV 20	1985
1986	217.435 AT 1700 CST ON JUL 25	217.382 ON JUL 22	216.405 ON OCT 28	1986
1987	217.641 AT 1535 CST ON JUL 28	217.597 ON AUG 13	216.533 ON JAN 08	1987
1988	----	----	216.590 ON JAN 30	1988
1989	----	----	----	1989
1990	----	----	----	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NELSON RIVER AT WARREN LANDING - STATION NO. 05UB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	217.511	---	---	---	---	1959
1961	---	---	---	---	---	---	216.972	216.849	216.681	---	---	---	---	1961
1962	---	---	---	---	---	216.969	217.108	217.198	217.226	217.135	---	---	---	1962
1963	---	---	---	---	---	---	217.419	217.394	217.334	217.205	---	---	---	1963
1966	---	---	---	---	---	---	218.608	---	---	---	217.935	---	---	1966
1967	---	---	---	217.869	---	218.067	218.019	217.901	---	---	---	---	---	1967
1968	---	---	217.783	217.381	217.418	217.488	217.550	217.610	---	---	217.633	---	---	1968
1969	---	---	217.920	217.974	218.104	218.124	218.140	218.185	218.172	218.127	---	---	---	1969
1970	---	---	---	---	---	---	218.447	218.313	218.093	216.110	---	---	---	1970
1971	---	---	---	---	218.239	218.225	218.093	217.986	217.774	---	---	---	---	1971
1972	---	217.864	217.925	218.051	---	---	218.063	217.933	217.702	217.540	217.504	---	---	1972
1973	---	217.579	217.622	---	---	217.459	217.692	217.605	217.502	---	---	---	---	1973
1974	---	---	217.820	217.931	---	218.673	218.799	218.662	218.417	---	218.154	218.127	---	1974
1975	218.147	---	---	---	218.178	218.349	---	218.431	218.278	218.132	217.910	---	---	1975
1976	---	---	---	---	---	217.873	217.745	217.618	217.402	---	---	---	---	1976
1977	---	---	---	---	---	216.896	216.895	---	---	217.033	216.987	217.092	---	1977
1978	217.086	217.118	217.149	217.292	217.473	216.896	217.722	217.794	---	---	---	---	---	1978
1979	---	---	---	---	---	218.028	217.965	217.788	217.745	---	---	217.427	---	1979
1980	217.415	217.437	217.454	217.472	217.543	217.549	217.610	217.678	217.678	217.473	217.379	217.296	217.499	1980
1981	217.259	217.208	217.150	217.211	217.183	217.231	217.407	217.417	217.383	217.420	217.456	---	---	1981
1982	---	---	---	---	---	217.581	217.716	---	---	217.502	217.351	217.348	---	1982
1983	217.333	217.340	217.402	217.479	217.565	217.703	217.722	217.726	217.629	217.502	217.408	217.333	217.526	1983
1984	217.334	217.317	217.296	217.314	217.409	217.531	217.624	217.601	217.388	217.333	217.234	217.244	217.306	1984
1985	217.229	217.274	217.263	217.290	217.313	---	---	---	---	---	---	217.935	---	1985
1986	217.804	217.745	217.764	217.827	217.926	217.859	217.817	217.790	217.608	217.572	217.392	217.415	217.710	1986
1987	---	---	---	217.499	217.601	---	---	---	---	---	---	---	---	1987
MEAN	217.451	217.431	217.504	217.582	217.663	217.733	217.784	217.774	217.640	217.549	217.529	217.469	217.530	MEAN

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

LOCATION - LAT 53 41 51 N
LONG 097 52 15 W REGULATED SINCE 1973

REMARKS - RECORDS PRIOR TO 1966 WERE PUBLISHED UNDER THE TITLE "LAKE WINNIPEG AT WARREN LANDING" STATION NO. 05SH003

NELSON RIVER AT WARREN LANDING - STATION NO. 05UB003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	217.898 ON NOV 13	---	1968
1969	---	218.398 ON SEP 19	---	1969
1970	---	---	---	1970
1971	218.478 AT 2215	CST ON JUL 07	218.340 ON JUN 10	1971
1972	---	---	216.232 ON JUN 17	1972
1973	217.962 AT 1115	CST ON JUL 12	217.804 ON JUL 16	1973
1974	219.072 AT 2250	CST ON JUL 20	218.926 ON JUL 20	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	217.685 AT 1047	CST ON NOV 12	217.399 ON OCT 23	1977
1978	---	---	---	1978
1979	218.237 AT 0125	CST ON JUN 24	218.132 ON JUN 25	1979
1980	218.215 AT 1952	CST ON SEP 20	218.019 ON SEP 20	1980
1981	217.997 AT 1245	CST ON OCT 02	217.808 ON OCT 02	1981
1982	217.992 AT 1300	CST ON AUG 12	217.929 ON AUG 12	1982
1983	218.199 AT 1050	CST ON SEP 17	217.989 ON SEP 17	1983
1984	217.846 AT 0515	CST ON AUG 11	217.791 ON AUG 11	1984
1985	---	---	---	1985
1986	218.023 AT 1630	CST ON MAY 19	217.984 ON MAY 20	1986
1987	---	---	216.788 ON NOV 08	1987

WATER LEVELS REFERRED TO GEODETTIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NELSON RIVER NEAR WARREN LANDING - STATION NO. 05UB002

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	217.573	217.540	---	217.267	217.105	217.077	---	1957
1958	217.030	217.023	217.940	217.037	217.004	216.960	217.052	217.116	217.057	216.992	216.774	216.789	216.990	1958
1959	216.821	216.817	216.798	216.780	217.050	217.313	217.383	217.515	217.396	217.336	217.357	217.325	217.158	1959
1960	217.310	217.320	217.208	217.314	---	217.646	217.640	217.548	217.395	217.135	216.965	---	---	1960
1961	216.890	216.869	216.808	216.924	216.943	216.981	216.920	217.774	216.396	216.609	216.593	216.595	216.799	1961
1962	216.592	216.588	216.534	---	216.784	216.971	217.122	217.087	217.088	216.836	216.805	---	---	1962
1963	---	---	---	---	217.142	217.154	217.450	217.409	217.326	217.200	216.922	216.829	---	1963
1964	216.813	216.820	216.795	216.896	217.029	217.124	217.233	217.199	217.029	216.931	216.858	216.750	216.957	1964
1965	216.784	216.807	216.881	216.999	217.240	217.632	217.872	217.905	217.737	217.745	217.655	217.623	217.410	1965
1966	217.615	217.598	---	---	---	218.388	218.449	218.303	218.121	---	---	---	---	1966
1967	---	---	---	---	---	217.936	217.879	217.737	---	---	---	---	---	1967
1968	217.306	217.282	217.291	---	---	---	---	217.437	217.482	217.420	---	---	---	1968
1969	---	---	---	---	---	218.098	218.126	218.116	218.109	---	---	---	---	1969
1971	---	---	---	---	---	---	217.982	217.870	---	---	---	---	---	1971
1973	---	---	---	---	---	217.441	217.564	---	---	---	---	---	---	1973
MEAN	217.018	217.014	216.939	216.992	217.027	217.466	217.590	217.540	217.394	217.147	217.004	216.998	217.063	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 43 34 N DRAINAGE AREA, 984 000 km²
LONG 097 52 13 W NATURAL FLOW

NELSON RIVER NEAR WARREN LANDING - STATION NO. 05UB002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1957	---	---	---	1957
1958	---	217.255 ON AUG 22	216.457 ON NOV 18 *	1958
1959	---	217.578 ON JUL 29	216.737 ON APR 09	1959
1960	---	217.679 ON JUN 07	216.871 ON NOV 16	1960
1961	---	217.048 ON JUN 29	216.566 ON SEP 04	1961
1962	---	217.140 ON JUL 27	---	1962
1963	---	---	---	1963
1964	---	217.386 ON AUG 06	216.713 ON NOV 18	1964
1965	---	218.075 ON AUG 10 *	216.771 ON JAN 02	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1971	---	---	---	1971
1973	217.780 AT 1810 CST ON JUL 12 *	217.652 ON JUL 12	---	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KR005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	255.081	---	---	254.926	---	---	---	---	---	1964
1966	---	256.146	256.205	256.263	256.344	256.438	256.582	256.664	256.703	256.661	256.585	---	---	1966
1967	---	---	---	256.376	256.379	256.435	---	---	---	---	---	---	---	1967
1968	---	---	---	256.169	256.210	---	---	---	---	256.254	256.311	---	---	1968
1969	---	---	---	---	256.192	256.198	256.151	---	256.130	---	256.242	256.278	---	1969
1970	---	256.306	256.235	256.132	256.146	256.173	256.267	256.271	256.280	256.368	---	---	---	1970
1971	---	256.382	256.120	256.292	256.332	256.288	256.257	256.214	---	256.305	---	---	---	1971
1972	---	256.318	256.220	256.176	256.261	256.310	---	---	256.331	256.383	256.413	256.443	---	1972
1973	256.354	256.247	256.192	256.153	256.198	256.286	256.307	256.299	256.361	256.393	---	---	---	1973
1974	---	256.423	256.379	---	---	---	---	256.332	256.361	256.361	256.599	256.598	---	1974
1975	---	---	---	---	---	256.418	256.477	256.537	256.533	256.533	256.406	256.358	---	1975
1976	---	---	---	256.131	256.096	256.056	256.034	256.004	256.004	256.048	256.104	---	---	1976
1977	---	256.152	256.094	---	256.021	255.910	255.872	255.882	255.950	256.006	256.114	---	---	1977
1978	256.175	256.021	255.958	255.943	256.005	255.995	255.975	255.958	256.054	256.021	256.112	256.176	256.025	1978
1979	---	---	---	256.206	256.272	256.398	256.390	256.372	256.392	256.442	256.531	256.567	---	1979
1980	---	256.417	256.329	256.272	256.218	256.123	256.152	256.099	256.124	256.169	256.136	256.058	---	1980
1981	255.951	255.919	255.881	---	---	---	---	---	255.934	256.005	256.098	---	---	1981
1982	---	256.175	256.076	256.014	256.074	---	---	255.890	255.932	255.994	256.003	256.028	---	1982
1983	256.011	---	---	255.921	---	---	255.998	---	256.109	256.165	256.189	256.168	---	1983
1984	---	---	256.021	256.017	256.060	256.044	255.971	255.849	255.788	255.788	255.807	255.809	---	1984
1985	255.801	---	---	255.786	255.949	256.047	256.147	256.215	256.368	256.414	256.402	256.324	---	1985
1986	256.248	256.291	256.113	256.109	256.182	256.190	---	---	256.387	256.437	256.467	256.426	---	1986
1987	256.353	256.279	256.145	256.145	256.073	256.073	255.999	---	256.797	255.749	255.740	255.775	---	1987
1988	---	---	255.782	255.746	255.824	255.791	255.774	---	255.690	255.680	255.644	255.630	---	1988
1989	255.615	255.607	255.608	255.594	255.593	255.499	255.430	255.329	---	---	255.412	255.440	---	1989
1990	255.469	255.505	255.546	255.564	---	---	255.623	255.536	255.478	255.466	255.516	255.555	---	1990
MEAN	255.997	256.139	256.067	256.056	256.075	256.141	256.078	256.032	256.134	256.175	256.135	256.101	256.025	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 57 00 N DRAINAGE AREA, 6 130 km²
LONG 100 10 00 W REGULATED SINCE 1964

REMARKS - RECORDS PRIOR TO 1969 WERE PUBLISHED UNDER THE TITLE "MOOSE LAKE AT NORTH ARM NARROWS (NORTH SIDE)"

NORTH MOOSE LAKE AT MOOSE LAKE narrows CONTROL STRUCTURE - STATION NO. 05NR005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL
1964	---	---	---
1966	256.834 AT 1715 CST ON OCT 09	256.779 ON SEP 04 *	---
1967	---	---	---
1968	---	---	---
1969	---	---	---
1970	256.934 AT 1815 CST ON OCT 06	256.565 ON OCT 02	256.081 ON APR 26
1971	256.946 AT 2140 CST ON OCT 07	256.517 ON OCT 27	---
1972	256.815 AT 0700 CST ON OCT 16	256.617 ON OCT 16	---
1973	---	---	256.130 ON APR 15
1974	256.910 AT 0950 CST ON AUG 15	256.654 ON JUN 29	---
1975	256.764 AT 2125 CST ON SEP 29	256.660 ON SEP 19	---
1976	---	---	255.916 ON OCT 07
1977	256.285 AT 0230 CST ON NOV 03	---	255.800 ON JUL 02
1978	256.422 AT 0338 CST ON NOV 05	256.242 ON NOV 05	255.895 ON AUG 17
1979	256.650 AT 1026 CST ON OCT 05	256.593 ON NOV 01	---
1980	---	---	255.969 ON AUG 16
1981	---	---	---
1982	256.218 AT 1424 CST ON JAN 26	256.215 ON FEB 06	---
1983	256.273 AT 1604 CST ON NOV 07	256.268 ON NOV 07	---
1984	256.227 AT 1923 CST ON SEP 22	256.133 ON JAN 03	255.701 ON SEP 06
1985	256.652 AT 0135 CST ON OCT 29	256.495 ON SEP 27	255.763 ON APR 13
1986	256.646 AT 0144 CST ON OCT 31	256.514 ON OCT 10	256.073 ON JUN 11
1987	256.420 AT 2147 CST ON JUN 02	256.389 ON JAN 01	255.644 ON OCT 24
1988	255.959 AT 0354 CST ON MAY 12	255.870 ON MAY 15	255.256 ON AUG 21 *
1989	255.881 AT 1545 CST ON MAY 25	255.765 ON MAY 25	---
1990	---	255.770 ON JUN 13	255.382 ON OCT 02

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH SHOAL LAKE NEAR INWOOD - STATION NO. 05LN004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1976	---	---	---	---	---	29.727	29.621	29.493	29.393	29.327	---	---	---
1977	29.285	29.297	29.317	29.272	29.332	29.360	29.156	29.104	29.294	29.281	29.269	29.292	29.305
1978	---	29.275	---	---	29.407	---	---	29.442	29.390	29.379	29.375	29.387	---
1979	29.383	---	---	---	29.879	29.937	29.922	29.874	29.769	29.711	29.710	29.711	---
1980	29.709	29.703	29.704	29.728	29.708	29.609	29.566	29.509	29.494	29.493	29.501	29.493	29.601
1981	---	---	---	---	29.388	29.311	29.292	29.253	---	---	---	---	---
1982	---	---	29.247	---	29.344	29.291	29.236	29.209	29.158	29.157	29.154	---	---
1983	---	29.133	29.154	---	---	29.169	29.169	29.037	28.955	28.948	---	---	---
1984	---	---	---	---	28.993	28.978	28.925	28.851	28.800	28.810	---	---	---
1985	---	---	---	---	28.970	28.862	28.777	28.753	28.770	28.758	28.755	28.780	---
1986	28.775	---	---	---	29.045	29.027	28.922	28.853	28.875	28.872	28.872	28.696	---
1987	---	---	---	---	28.912	28.805	28.759	28.794	28.740	28.730	28.704	---	---
1988	---	---	---	28.787	---	---	28.467	28.419	28.389	---	---	---	---
1989	---	---	---	---	28.281	28.312	28.304	28.247	28.195	28.134	---	---	---
1990	---	---	---	---	28.201	28.262	28.309	28.227	---	---	---	---	---
MEAN	29.288	29.352	29.355	29.262	29.122	29.130	29.052	29.025	29.018	29.050	29.167	29.233	29.453

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 50 26 00 N DRAINAGE AREA, 846 km²
LONG 097 37 30 W

NORTH SHOAL LAKE NEAR INWOOD - STATION NO. 05LN004

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL
1976	---	---	---
1977	29.535 AT 0440 CST ON MAY 18	29.407 ON JUN 19	29.169 ON NOV 12
1978	---	---	---
1979	29.953 AT 1200 CST ON JUN 30 *	---	---
1980	---	29.762 ON MAY 08 *	29.449 ON OCT 04
1981	---	29.519 ON JAN 01	---
1982	---	---	---
1983	29.418 AT 0417 CST ON JUL 04	29.324 ON MAY 03	---
1984	29.237 AT 1645 CST ON APR 27	29.180 ON APR 27	---
1985	29.197 AT 2106 CST ON JUN 08	29.060 ON APR 05	28.620 ON OCT 22 *
1986	29.282 AT 1144 CST ON JUN 11	29.124 ON JUN 07	28.768 ON JAN 21
1987	29.222 AT 1109 CST ON OCT 01	29.102 ON APR 20	28.642 ON OCT 25
1988	29.301 AT 1620 CST ON JUN 01	28.841 ON MAY 09	---
1989	28.765 AT 1023 CST ON MAY 05	28.483 ON MAY 05	---
1990	28.537 AT 1614 CST ON JUN 29	28.368 ON JUL 09	---

WATER LEVELS REFERRED TO ASSUMED DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NUTIMIK LAKE AT NUTIMIK LAKE - STATION NO. 05PF802

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	274.153	274.197	---	---	---	---	---	---	1988
1989	---	---	---	---	---	275.111	275.792	---	---	---	---	---	---	1989
1990	---	---	---	---	---	274.610	275.024	274.682	---	---	---	---	---	1990
MEAN	---	---	---	---	---	274.625	275.004	274.682	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 08 39 N
LONG 095 41 21 WDRAINAGE AREA, 127 000 km²
REGULATEDDATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

NUTIMIK LAKE AT NUTIMIK LAKE - STATION NO. 05PF802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	275.111 ON JUL 09 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OAK LAKE AT OAK LAKE RESORT - STATION NO. 05NG008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	429.775	429.895	429.861	429.784	---	---	---	1954
1955	---	---	---	---	430.148	430.092	430.031	429.862	429.633	429.522	---	---	---	1955
1965	429.250	429.270	---	---	---	---	---	---	---	---	---	---	---	1965
1966	429.744	429.763	429.770	429.863	429.823	429.753	429.707	429.603	429.550	429.493	429.483	429.486	429.671	1966
1967	429.521	429.576	429.592	429.765	429.850	429.700	---	429.434	429.395	429.276	429.284	429.268	---	1967
1968	429.572	429.338	429.376	429.495	429.524	429.448	429.329	429.334	429.337	---	---	---	---	1968
1969	429.358	429.387	429.436	429.659	---	---	---	---	---	429.663	429.705	---	---	1969
1970	---	---	---	---	---	429.844	429.777	429.709	---	---	---	429.770	---	1970
1971	429.790	429.789	429.791	---	---	---	429.755	429.632	429.538	429.564	429.593	429.601	---	1971
1972	---	---	---	---	---	429.752	429.665	429.599	429.546	429.512	429.503	---	---	1972
1973	---	429.507	429.518	---	---	---	429.419	429.416	429.411	429.457	429.464	---	---	1973
1974	---	---	429.574	429.850	430.037	429.945	429.726	429.607	429.547	429.508	429.500	429.525	---	1974
1975	429.566	429.584	429.571	429.756	430.120	429.908	429.777	429.701	429.794	429.884	429.844	429.815	429.778	1975
1976	429.811	429.809	429.792	430.289	430.088	429.926	429.859	429.703	429.669	---	---	429.734	---	1976
1977	429.782	429.764	429.772	429.780	429.763	429.689	429.640	429.554	429.537	429.543	429.512	429.517	429.653	1977
1978	429.355	429.550	429.538	429.702	429.802	429.746	429.717	429.606	429.517	429.484	429.453	429.470	429.595	1978
1979	429.479	429.466	429.507	---	---	429.837	429.752	429.598	429.473	429.416	429.406	429.394	---	1979
1980	429.421	429.427	429.431	429.541	429.584	429.438	429.368	429.346	429.311	429.279	429.292	429.295	429.394	1980
1981	429.302	429.319	429.389	429.406	429.129	429.267	429.186	429.120	429.085	429.064	429.085	429.077	429.217	1981
1982	---	---	429.791	430.037	429.678	429.579	429.512	429.431	429.408	429.411	---	---	---	1982
1983	---	---	---	429.607	429.892	429.767	429.745	429.621	429.559	429.532	---	---	---	1983
1984	---	---	---	429.502	429.567	429.510	429.381	429.229	429.125	429.132	---	---	---	1984
1985	---	---	---	429.564	429.767	429.729	429.665	429.574	429.723	429.703	---	---	---	1985
1986	---	---	429.738	429.822	429.844	429.754	429.770	429.679	429.568	429.559	---	---	---	1986
1987	---	---	429.575	429.874	429.762	429.712	429.654	429.597	429.501	429.432	---	---	---	1987
1988	---	---	429.190	429.214	429.238	429.128	429.022	428.872	428.759	---	---	---	---	1988
1989	---	---	428.323	428.747	428.741	428.653	428.559	428.434	428.399	428.319	---	---	---	1989
1990	---	---	428.037	428.446	428.510	428.489	428.524	428.435	428.340	428.272	---	---	---	1990
MEAN	429.525	429.541	429.436	429.596	429.653	429.590	429.533	429.450	429.379	429.383	429.470	429.499	429.551	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

LOCATION - LAT 49 41 40 N
LONG 100 42 30 WDRAINAGE AREA, 4 770 km²
REGULATED

OAK LAKE AT OAK LAKE RESORT - STATION NO. 05NG008

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	429.948 ON JUL 29	---	1954
1955	---	430.240 ON MAY 19	---	1955
1965	---	---	---	1965
1966	---	429.933 ON APR 16	429.469 ON OCT 14	1966
1967	---	429.908 ON APR 25	429.238 ON SEP 25	1967
1968	---	429.538 ON MAY 13	---	1968
1969	---	429.867 ON APR 22	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	430.414 AT 0541 CST ON APR 27	430.378 ON APR 27	429.481 ON NOV 13	1974
1975	430.335 AT 1350 CST ON MAY 05	430.320 ON MAY 05	429.552 ON JAN 12	1975
1976	430.679 AT 1846 CST ON APR 17 *	430.673 ON APR 17 *	---	1976
1977	429.798 AT 1820 CST ON MAY 13	429.792A ON APR 15	429.494 ON NOV 17	1977
1978	429.841 AT 1752 CST ON MAY 06	429.820 ON MAY 01	429.436 ON NOV 10	1978
1979	---	---	429.385 ON DEC 16	1979
1980	429.649 AT 1829 CST ON APR 28	429.644 ON APR 28	429.224 ON OCT 10	1980
1981	429.554 AT 0047 CST ON APR 21	429.446 ON APR 06	429.036 ON OCT 22	1981
1982	---	430.355 ON MAR 29	---	1982
1983	430.077 AT 1606 CST ON APR 30	430.065 ON APR 30	---	1983
1984	429.691 AT 1431 CST ON MAY 17	429.625 ON MAY 17	---	1984
1985	429.950 AT 1546 CST ON JUN 08	429.806 ON MAY 18	---	1985
1986	429.983 AT 1603 CST ON MAY 15	429.906 ON MAY 12	429.539 ON OCT 30	1986
1987	429.963 AT 1647 CST ON APR 15	429.959 ON APR 12	---	1987
1988	429.314 AT 1146 CST ON MAY 14	429.261 ON MAY 14	---	1988
1989	428.845 AT 0831 CST ON MAY 20	428.804 ON APR 25	428.285 ON OCT 26	1989
1990	428.591 AT 1025 CST ON JUL 13	428.571 ON JUL 13	427.835 ON FEB 28 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTTER LAKE NEAR BROAD VALLEY - STATION NO. 05SD801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	274.332	274.295	---	---	---	---	---	---	---	1983
1984	---	---	---	---	274.084	274.052	274.000	273.904	273.835	---	---	---	---	1984
1985	---	---	---	---	---	273.912	---	273.900	273.931	273.945	---	---	---	1985
1986	---	---	---	---	---	---	---	274.273	274.191	274.178	---	---	---	1986
1987	---	---	---	---	---	---	274.075	274.024	273.982	---	---	---	---	1987
1988	---	---	---	---	274.025	273.928	273.905	273.804	273.744	273.702	---	---	---	1988
1989	---	---	---	---	273.679	273.734	273.691	273.588	273.570	---	---	---	---	1989
1990	---	---	---	---	273.692	273.678	273.671	273.577	---	273.441	---	---	---	1990
MEAN	---	---	---	---	273.962	273.933	273.868	273.867	273.876	273.817	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 58 59 N
LONG 097 46 11 WDRAINAGE AREA, 72.5 km²
NATURAL FLOWDATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1968-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

OTTER LAKE NEAR BROAD VALLEY - STATION NO. 05SD801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	273.720 ON MAY 18 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OXFORD LAKE AT OXFORD HOUSE - STATION NO. 04AA002

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	187.223	---	186.946	---	186.759	186.815	---	1957
1958	186.827	186.842	186.869	186.887	186.906	187.052	187.068	187.053	187.037	---	187.159	187.200	---	1958
1959	187.236	187.272	187.279	187.272	187.536	188.018	188.210	187.917	186.170	188.096	187.835	187.668	187.711	1959
1960	187.537	187.452	187.391	187.382	187.475	187.686	187.553	187.315	187.152	186.991	186.992	187.037	187.330	1960
1961	187.042	186.956	186.910	186.861	186.939	187.063	187.056	186.919	186.809	186.756	186.801	186.835	186.912	1961
1962	186.849	186.853	186.851	186.835	186.975	187.261	187.215	187.046	187.042	187.055	187.047	187.147	187.016	1962
1963	187.231	187.251	187.236	187.217	187.405	187.639	187.418	187.223	187.123	187.043	186.965	186.934	187.216	1963
1964	186.932	186.930	186.931	186.937	187.105	187.221	187.129	187.622	187.017	187.061	187.101	187.153	187.045	1964
1965	187.180	187.178	187.176	187.133	---	187.825	187.856	187.662	187.504	187.491	---	---	---	1965
1966	187.329	187.117	187.287	187.253	187.296	187.787	188.009	187.779	187.593	187.425	187.313	187.310	187.476	1966
1967	187.298	187.295	187.272	187.329	187.407	---	188.028	187.678	187.419	187.262	187.185	187.191	---	1967
1968	187.205	187.108	187.158	187.176	---	187.630	187.670	187.673	187.594	187.618	187.573	187.446	---	1968
1969	187.394	---	---	187.250	187.222	187.208	187.177	187.138	187.224	187.449	187.443	187.404	---	1969
1970	187.342	187.288	187.289	187.285	187.316	187.404	187.597	187.555	187.385	187.358	187.514	187.561	187.409	1970
1971	187.445	187.389	187.320	187.262	187.496	187.539	187.475	187.439	187.329	187.195	187.244	187.296	187.371	1971
1972	187.325	187.297	187.257	187.192	187.447	187.586	187.470	187.322	187.156	187.085	187.074	187.094	187.273	1972
1973	187.088	187.058	187.073	187.157	187.134	187.304	187.329	187.339	187.285	187.255	187.293	187.324	187.221	1973
1974	187.308	187.278	187.228	187.201	187.380	187.612	187.553	187.476	187.347	---	187.221	187.212	---	1974
1975	187.229	187.231	187.118	187.158	187.244	187.342	187.318	187.238	187.178	187.151	187.114	---	---	1975
1976	---	---	---	---	---	---	187.036	187.068	187.056	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	187.336	187.320	---	---	---	1977
1978	187.427	187.387	187.347	187.316	187.472	188.127	187.252	187.234	187.336	187.326	187.387	187.420	---	1978
1979	---	---	---	---	---	---	187.952	187.614	187.402	187.326	187.357	187.344	187.506	1979
1980	187.323	187.317	187.284	187.236	187.255	187.220	187.155	187.094	187.186	187.344	187.354	187.319	187.257	1980
1981	187.301	187.241	187.232	187.164	187.221	187.373	187.475	187.445	187.299	187.209	187.330	187.373	187.306	1981
1982	---	---	---	---	---	---	---	---	187.499	187.371	---	---	---	1982
1983	---	---	187.373	187.328	187.520	188.080	187.907	187.690	187.547	187.478	187.420	187.419	---	1983
1984	187.407	187.370	187.316	187.284	187.410	---	---	---	---	---	---	---	---	1984
1985	---	187.223	187.197	187.184	187.372	187.651	187.866	187.669	187.478	187.388	187.394	187.395	---	1985
1986	187.404	---	---	187.318	187.754	188.006	187.834	187.701	187.574	187.429	187.378	187.379	---	1986
1987	187.352	187.338	187.314	187.282	187.409	187.485	187.478	187.432	187.264	187.114	187.067	187.079	187.302	1987
1988	---	---	---	---	---	---	187.371	---	---	---	---	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	---	---	187.373	187.372	187.278	187.218	---	---	---	---	1990
MEAN	187.250	187.212	187.195	187.189	187.321	187.526	187.501	187.397	187.303	187.291	187.243	187.254	187.290	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -183.565 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

LOCATION - LAT 54 56 10 N
LONG 095 17 30 W NATURAL FLOW

REMARKS - RECORDS FOR THE PERIOD 1957-60 WERE PUBLISHED UNDER THE TITLE "HAYES RIVER AT OUTLET OF OXFORD LAKE, NO. 04AA001"

OXFORD LAKE AT OXFORD HOUSE - STATION NO. 04AA002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1957	---	187.253 ON JUL 25	---	1957
1958	---	187.235 ON DEC 26	---	1958
1959	---	188.292 ON JUL 09 *	186.826 ON JAN 01	1959
1960	---	187.735 ON JUN 13	187.217 ON JAN 01	1960
1961	---	187.125 ON JUN 26	186.933 ON OCT 28	1961
1962	---	187.345 ON JUN 10	186.701 ON SEP 25 *	1962
1963	---	187.262 ON JUN 08	186.790 ON MAY 04	1963
1964	---	---	186.915 ON DEC 08	1964
1965	---	---	186.921 ON FEB 21	1965
1966	---	187.896 ON JUN 28	---	1966
1967	---	188.058 ON JUL 13	187.107 ON APR 26	1967
1968	---	188.280 ON JUN 22	187.189 ON MAY 17	1968
1969	---	187.515 ON OCT 18	187.156 ON DEC 11	1969
1970	---	---	187.043 ON FEB 18	1970
1971	---	187.631 ON JUL 17	187.021 ON AUG 13	1971
1972	---	187.607 ON JUN 01	187.177 ON OCT 06	1972
1973	---	187.604 ON JUN 02	187.143 ON OCT 18	1973
1974	---	187.372 ON AUG 19	187.031 ON OCT 25	1974
1975	---	187.375 ON APR 13	186.954 ON FEB 27	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	187.457 AT 2110 CST ON DEC 29	187.436 ON DEC 30	---	1978
1979	188.226 AT 2225 CST ON JUN 14 *	188.218 ON JUN 18	187.268 ON OCT 20	1979
1980	187.443 AT 1150 CST ON OCT 31	187.411 ON OCT 31	---	1980
1981	187.511 AT 2048 CST ON JUL 11	187.511 ON JUL 11	187.019 ON AUG 20	1981
1982	---	---	187.128 ON APR 29	1982
1983	188.165 AT 0935 CST ON JUN 10	188.140 ON JUN 09	---	1983
1984	---	---	187.293 ON APR 25	1984
1985	---	---	---	1985
1986	---	187.922 ON JUL 09	187.146 ON APR 05	1986
1987	187.603 AT 1217 CST ON JUN 24	188.089E ON MAY 20	187.295 ON APR 15	1987
1988	187.553 AT 0543 CST ON JUN 12	187.339 ON JUN 14	187.046 ON NOV 14	1988
1989	---	187.750 ON JUL 31	---	1989
1990	187.426 AT 1648 CST ON JUN 15	187.066 ON JUN 21	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -183.565 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARTRIDGE CREEK NEAR ST. MARTIN - STATION NO. 05LM002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	245.158	245.252	---	---	---	1954
1955	---	---	---	---	245.405	---	245.529	---	245.240	245.142	---	---	---	1955
1956	---	---	---	---	---	---	244.769	---	244.604	244.580	---	---	---	1956
1957	---	---	---	---	---	---	244.283	244.188	244.154	243.897	---	---	---	1957
1958	---	---	---	---	244.148	---	244.164	244.246	243.969	243.923	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	244.451	244.454	244.385	---	244.161	243.672	243.616	---	---	1960
1961	---	---	---	244.030	---	243.633	243.942	243.982	243.637	243.677	243.688	---	---	1961
1962	---	---	---	---	243.698	243.667	243.533	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	244.606	---	---	---	---	---	---	---	1965
1966	---	---	---	---	245.193	245.342	245.165	---	244.138	---	243.762	---	---	1966
1967	---	---	---	---	244.038	244.533	244.611	244.477	244.433	244.416	244.586	244.843	---	1967
1968	244.941	245.057	---	---	244.038	244.533	244.611	244.477	244.433	244.416	244.586	244.843	244.441	1968
1969	244.913	245.002	244.692	244.728	244.577	244.483	244.382	244.268	244.229	244.146	243.990	243.929	---	1969
1970	---	---	---	244.716	244.647	245.320	245.202	---	244.512	---	243.788	---	---	1970
1971	---	---	---	245.144	245.218	245.256	245.074	---	---	---	---	---	---	1971
1972	---	244.943	---	---	244.717	245.074	244.728	243.971	243.654	243.736	244.267	244.488	---	1972
1973	244.601	244.619	244.208	243.920	243.732	244.135	244.700	244.302	244.177	244.232	244.422	---	---	1973
1974	---	---	---	---	245.428	245.572	245.422	245.121	---	244.790	---	---	---	1974
1975	244.940	244.804	244.576	244.657	244.811	245.139	245.090	244.687	244.810	245.063	245.072	---	---	1975
1976	---	245.111	245.028	245.168	245.218	245.580	---	245.137	244.597	243.933	243.815	---	---	1976
1977	---	---	---	---	244.009	243.716	244.266	---	---	---	---	---	---	1977
1978	---	---	244.547	244.692	244.223	244.223	---	---	---	---	---	---	---	1978
1979	---	---	244.391	244.918	245.480	245.629	---	---	---	---	---	---	---	1979
1980	---	---	---	244.601	244.201	243.961	---	---	---	---	---	---	---	1980
1981	---	---	---	243.990	243.885	243.967	---	---	---	---	---	---	---	1981
1982	---	---	---	---	243.914	243.886	---	---	---	---	---	---	---	1982
1983	---	---	---	244.423	244.345	244.525	---	---	---	---	---	---	---	1983
1984	---	---	---	---	244.090	244.250	---	---	---	---	---	---	---	1984
1985	---	---	---	---	244.560	244.562	---	---	---	---	---	---	---	1985
1986	---	---	---	---	245.242	245.364	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	244.565	---	---	---	---	---	---	---	1987
1988	---	---	---	---	244.520	244.718	---	---	---	---	---	---	---	1988
1989	---	---	---	---	243.919	243.916	---	---	---	---	---	---	---	1989
1990	---	---	---	---	244.114	244.250	---	---	---	---	---	---	---	1990
MEAN	244.849	244.923	244.574	244.538	244.512	244.602	244.686	244.438	244.379	244.308	244.101	244.420	244.441	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

LOCATION - LAT 51 42 30 N DRAINAGE AREA, 142 km²
LONG 098 35 30 W NATURAL FLOW

REMARKS - DISCHARGE RECORDS FOR THE PERIOD 1954-59 WERE PUBLISHED UNDER THE TITLE "PINEMUTA LAKE NEAR ST. MARTIN"

PARTRIDGE CREEK NEAR ST. MARTIN - STATION NO. 05LM002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	---	---	1954
1955	---	245.699 ON FEB 15	244.681 ON NOV 07	1955
1956	---	245.367 ON FEB 08	244.453 ON NOV 06	1956
1957	---	244.895 ON FEB 14	243.840 ON OCT 22	1957
1958	---	245.126 ON APR 03	243.843 ON SEP 09	1958
1959	---	---	---	1959
1960	---	245.379 ON APR 15	243.617 ON DEC 31	1960
1961	---	244.450 ON JUL 23	---	1961
1962	---	---	---	1962
1963	---	245.309 ON APR 02	---	1963
1964	---	244.745 ON APR 18	---	1964
1965	---	245.916 ON APR 11 *	---	1965
1966	---	245.681 ON APR 02	---	1966
1967	---	245.526 ON JUN 03	---	1967
1968	---	245.074 ON FEB 24	243.514 ON MAY 03 *	1968
1969	---	245.218 ON APR 12	243.858 ON DEC 29	1969
1970	---	245.455 ON JUL 02	---	1970
1971	---	245.309 ON AUG 09	---	1971
1972	---	245.257 ON APR 21	243.624 ON SEP 27	1972
1973	244.968 AT 1933 CST ON JUL 23	244.965 ON JUL 24	243.639A ON MAY 16	1973
1974	---	245.666A ON JUN 06	---	1974
1975	---	245.413A ON JUN 29	244.297 ON SEP 03	1975
1976	---	245.669A ON JUN 04	---	1976
1977	---	---	---	1977
1978	---	245.434 ON APR 18	---	1978
1979	---	245.675 ON JUN 14	---	1979
1980	---	---	---	1980
1981	---	244.798 ON MAR 29	---	1981
1982	243.875 AT 1438 CST ON APR 29	244.075 ON APR 29	---	1982
1983	244.848 AT 1312 CST ON APR 10	245.012 ON APR 10	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	245.266 AT 1652 CST ON MAY 15 *	245.482 ON MAY 21	---	1986
1987	---	---	---	1987
1988	244.573 AT 1646 CST ON MAY 17	244.793 ON MAY 31	---	1988
1989	244.452 AT 2323 CST ON APR 13	244.438 ON APR 14	---	1989
1990	244.408 AT 1739 CST ON JUN 18	244.392 ON JUN 19	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELICAN LAKE NEAR NINETTE - STATION NO. 050A802

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	411.339	---	---	411.419	---	---	---	---	1954
1955	---	---	---	---	---	---	---	411.659	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	411.748	411.658	---	---	---	---	1956
1957	---	---	---	---	---	411.712	411.655	411.837	---	---	---	---	---	1957
1958	---	---	---	---	---	---	411.508	411.410	411.314	411.251	---	---	---	1958
1959	---	---	---	---	---	---	411.381	411.369	411.368	411.377	---	---	---	1959
1960	---	---	---	---	---	412.094	411.953	411.822	411.696	411.614	411.599	---	---	1960
1961	---	---	---	---	411.792	411.701	411.566R	411.432	411.345	411.329	411.275R	---	---	1961
1962	---	---	---	---	411.574	411.785	---	---	411.862	411.804	411.796	---	---	1962
1963	---	---	---	---	412.026	---	412.010	411.970	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1967	---	---	---	---	---	---	411.784	411.654	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	411.706	411.692	411.684	411.679	411.702	411.675	411.664	411.578	411.523	411.526	411.480	411.512	411.618	1977
1978	411.532	411.543	411.541	411.617	411.629	411.597	411.554	411.442	411.344	411.279	411.241	411.268	411.465	1978
1979	411.288	411.304	411.315	411.409	411.653	---	411.597	411.523	411.428	411.379	411.351	411.359	---	1979
1980	411.379	411.389	411.389	411.414	411.366	411.247	411.177	411.203	411.245	411.220	411.230	411.235	411.291	1980
1981	411.238	411.246	411.255	---	411.176	411.173	411.130	411.114	411.080	411.052	411.026	411.030	---	1981
1982	---	---	411.042	---	---	411.173	411.193	411.120	411.017	411.041	411.056	411.082	---	1982
1983	411.090	411.087	411.118	---	411.284	---	---	---	410.997	410.980	---	---	---	1983
1984	---	---	---	---	411.045	410.994	410.896	---	410.869	---	---	---	---	1984
1985	---	---	---	---	410.953	---	410.937	410.921	410.908	---	---	---	---	1985
1986	---	---	---	---	411.393	411.386	411.378	411.307	411.212	---	---	---	---	1986
1987	---	---	---	---	411.518	411.443	411.357	411.373	411.337	411.254	411.234	---	---	1987
1988	---	---	---	---	411.241	411.132	411.049	410.897	---	---	---	---	---	1988
1989	---	---	---	---	410.822	410.755	410.683	410.570	---	---	---	---	---	1989
1990	---	---	---	---	410.662	410.686	410.677	410.618	---	---	---	---	---	1990
MEAN	411.372	411.377	411.335	411.530	411.401	411.372	411.384	411.359	411.287	411.340	411.329	411.248	411.458	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

 LOCATION - LAT 49 24 00 N DRAINAGE AREA 463 km² DATA CONTRIBUTED BY - R - REVISED SINCE JAN 01 1988
 LONG 099 36 20 W REGULATED SINCE 1927 MANITOBA WATER RESOURCES BRANCH

PELICAN LAKE NEAR NINETTE - STATION NO. 050A802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	411.559 ON JUL 06	411.069 ON MAY 24	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	412.001 ON AUG 22	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	412.269 ON MAY 30	---	1960
1961	---	411.803 ON MAY 01	---	1961
1962	---	411.901 ON SEP 01	---	1962
1963	---	412.245 ON AUG 03	---	1963
1964	---	412.169 ON JUN 22	---	1964
1965	---	412.071 ON JUL 21	---	1965
1967	---	---	---	1967
1968	---	411.654 ON SEP 14	---	1968
1969	---	412.263 ON MAY 08	---	1969
1970	---	412.385 ON MAY 13	411.693 ON NOV 22	1970
1971	---	412.013 ON JUN 29	---	1971
1973	---	411.785 ON MAY 10	411.507 ON DEC 06	1973
1974	---	412.404 ON JUN 06	---	1974
1975	---	412.196 ON MAY 13	---	1975
1976	---	412.666 ON APR 24 *	---	1976
1977	---	411.739 ON MAY 26	411.428 ON NOV 02	1977
1978	---	411.654 ON MAY 09	411.224 ON NOV 06	1978
1979	---	411.744 ON JUN 07	411.260 ON JAN 08	1979
1980	---	411.420 ON MAY 01	411.126 ON AUG 02	1980
1981	---	411.270 ON APR 01	411.019E ON NOV 17	1981
1982	---	---	410.976 ON SEP 27 *	1982
1983	---	411.311 ON APR 20	---	1983
1984	---	---	---	1984
1985	---	411.003 ON JUL 05	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	411.288 ON MAY 02	---	1988
1989	---	---	---	1989
1990	---	410.704 ON MAY 17	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE ABOVE WHISKEY JACK NARROWS - STATION NO. 05UB015

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	217.498	217.383	217.199	---	---	---	---	1971
1973	---	---	---	---	---	---	---	---	217.226	---	---	---	---	1973
MEAN	---	---	---	---	---	---	217.498	217.383	217.213	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 23 00 N
LONG 098 00 50 W

PLAYGREEN LAKE ABOVE WHISKEY JACK NARROWS - STATION NO. 05UB015

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1973	217.682 AT 1730 CST ON JUL 11 *	217.594 ON JUL 12 *	---	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE AT ENTRANCE TO EAST NELSON RIVER - STATION NO. 05UB005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	217.715	217.630	217.457	---	---	---	---	---	1967
1968	---	---	---	---	---	217.073	217.098	217.115	217.162	---	---	---	---	1968
1971	---	---	---	---	---	---	217.579	217.444	217.262	---	---	---	---	1971
1973	---	---	---	---	---	217.149	217.282	217.255	217.087	---	---	---	---	1973
1986	---	---	---	---	---	---	---	---	---	217.213	216.904	---	---	1986
1987	216.858	216.860	216.923	217.147	217.357	217.454	217.475	217.432	217.319	---	---	216.733	---	1987
1988	---	---	---	---	---	---	---	---	---	216.585	216.548	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	216.681	216.558	---	1989
1990	216.503	216.527	---	---	---	217.121	217.320	217.364	---	---	---	---	---	1990
MEAN	216.681	216.693	216.923	217.147	217.357	217.302	217.397	217.345	217.208	216.899	216.711	216.646	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1978 ADJ.)

LOCATION - LAT 53 54 10 N
LONG 097 58 30 W REGULATED

PLAYGREEN LAKE AT ENTRANCE TO EAST NELSON RIVER - STATION NO. 05UB005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	217.905R AT 1200 CST ON JUN 04 *	217.799 ON JUN 03 *	---	1967
1968	217.275 AT 0531 CST ON SEP 16	217.265 ON SEP 16	---	1968
1971	---	---	---	1971
1973	217.415R AT 1710 CST ON JUL 02	217.366 ON JUL 12	---	1973
1986	---	---	---	1986
1987	217.634 AT 2220 CST ON JUN 21	217.549 ON JUN 24	216.664 ON DEC 12	1987
1988	---	---	216.256 ON OCT 28 *	1988
1989	---	---	216.426 ON JAN 11	1989
1990	217.524 AT 0651 CST ON AUG 13	217.476 ON AUG 13	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1978 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1988

PLAYGREEN LAKE AT TAIT ISLAND NEAR NORWAY HOUSE - STATION NO. 05UB004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	217.130	---	---	---	---	---	1951
1952	---	---	---	---	---	---	217.001	216.939	216.847	---	---	---	---	1952
1966	---	---	---	---	---	---	---	---	217.580	---	---	---	---	1966
1967	---	---	---	---	---	---	217.371	217.217	---	---	---	---	---	1967
1968	---	---	---	---	---	216.876	216.891	216.905	216.975	---	---	---	---	1968
MEAN	---	---	---	---	---	216.876	217.088	217.048	217.134	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 18 10 N
LONG 098 00 40 W NATURAL FLOW

PLAYGREEN LAKE AT TAIT ISLAND NEAR NORWAY HOUSE - STATION NO. 05UB004

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	---	---	1951
1952	---	---	---	1952
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968

217.136 AT 1912 CST ON SEP 15 *

217.112 ON SEP 16 *

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE BELOW LULU ISLAND - STATION NO. 05UB014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	217.432	217.338	---	---	---	---	---	1971
1973	---	---	---	---	---	217.184	217.394	217.354	217.161	---	---	---	---	1973
MEAN	---	---	---	---	---	217.184	217.413	217.346	217.161	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 13 10 N
LONG 098 09 40 W

PLAYGREEN LAKE BELOW LULU ISLAND - STATION NO. 05UB014

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1973	217.514 AT 1740 CST ON JUL 12 *	217.490 ON JUL 12 *	---	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLAYGREEN LAKE OPPOSITE BELFOUR POINT NEAR NORWAY HOUSE - STATION NO. 05UB006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	217.175	---	---	217.381	---	---	---	---	1967
1968	---	---	---	---	---	217.698	217.700	217.659	217.266	217.204	---	---	---	1968
1969	---	---	---	---	217.724	---	---	---	217.690	---	---	---	---	1969
1971	---	---	---	---	---	---	217.601	217.555	217.360	---	---	---	---	1971
1973	---	---	---	---	---	217.315	---	---	217.211	---	---	---	---	1973
MEAN	---	---	---	---	217.724	217.396	217.691	217.607	217.382	217.204	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 03 48 N
LONG 098 11 52 W NATURAL FLOW

PLAYGREEN LAKE OPPOSITE BELFOUR POINT NEAR NORWAY HOUSE - STATION NO. 05UB006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	217.411 ON SEP 15	---	1968
1969	---	217.874 ON MAY 26 *	---	1969
1971	---	---	---	1971
1973	217.676 AT 1750 CST ON JUL 11 *	217.581 ON JUL 11	---	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLEASANT VALLEY RESERVOIR NEAR PETLURA - STATION NO. 05LJ808

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	540.242	540.199	540.162	540.066	540.011	---	---	---	1986
1987	---	---	---	---	540.157	540.031	540.039	539.948	539.963	539.849	---	---	---	1987
1988	---	---	---	---	540.381	540.199	540.068	539.870	539.717	539.595	---	---	---	1988
1989	---	---	---	---	539.580	539.617	539.566	539.381	539.266	---	---	---	---	1989
1990	---	---	---	---	---	540.213	540.302	540.142	540.014	---	---	---	---	1990
MEAN	---	---	---	---	540.039	540.072	540.035	539.901	539.785	539.818	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 03 27 N
LONG 100 56 14 W DRAINAGE AREA, 233 km²
REGULATED SINCE 1972DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

PLEASANT VALLEY RESERVOIR NEAR PETLURA - STATION NO. 05LJ808

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	540.445 ON MAY 04 *	---	1988
1989	---	539.675 ON JUN 13	---	1989
1990	---	540.331 ON JUL 10	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLUM LAKES ABOVE DELEAU DAM - STATION NO. 05NG801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	428.924	429.170	429.120	428.967	428.901	428.881	---	---	---	1983
1984	---	---	---	---	428.932	428.856	428.681	---	---	---	---	---	---	1984
1985	---	---	---	428.669	428.640	428.481	---	---	428.597	---	---	---	---	1985
1986	---	---	---	---	429.338	429.292	429.252	429.174	429.053	---	---	---	---	1986
1987	---	---	---	---	429.329	429.400	429.320	429.256	429.198	429.042	---	---	---	1987
1988	---	---	---	---	428.906	428.799	428.693	---	---	---	---	---	---	1988
1989	---	---	---	428.607	428.553	428.465	---	---	---	---	---	---	---	1989
1990	---	---	---	---	428.448	428.550	428.386	---	---	---	---	---	---	1990
MEAN	---	---	---	428.868	428.893	428.865	428.898	429.113	428.914	428.962	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 36 30 N DRAINAGE AREA, 5 140 km²
LONG 100 38 41 W REGULATED SINCE 1958DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - DATA FOR THE PERIOD 1960-82 CAN BE OBTAINED FROM THE PROVINCE OF MANITOBA, WATER RESOURCES BRANCH

PLUM LAKES ABOVE DELEAU DAM - STATION NO. 05NG801

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	428.817 ON MAR 25	---	1985
1986	---	---	---	1986
1987	---	429.485 ON APR 26 *	---	1987
1988	---	---	---	1988
1989	---	428.751 ON APR 04	---	1989
1990	---	428.649A ON APR 02	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLUM LAKES NEAR FINDLAY - STATION NO. 05NG809

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	429.335	---	---	---	---	---	---	---	1967
1969	---	---	---	---	---	---	429.550	429.522	429.377	---	---	---	---	1969
1970	---	---	---	---	---	---	429.632	429.496	429.311	---	---	---	---	1970
1971	---	---	---	---	429.486	429.417	---	---	429.041	---	---	---	---	1971
1972	---	---	---	---	---	429.337	429.162	---	---	---	---	---	---	1972
1975	---	---	---	---	429.916	429.755	---	429.473	429.509	---	---	---	---	1975
1978	---	---	---	---	429.005	429.059	429.039	---	---	---	---	---	---	1978
1979	---	---	---	---	429.486	429.534	---	---	---	---	---	---	---	1979
1980	---	---	---	---	428.750	---	---	---	---	---	---	---	---	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	428.691	429.115	429.029	428.990	---	---	---	1984
1985	---	---	---	---	428.438	428.378	428.312	428.356	428.434	---	---	---	---	1985
1986	---	---	---	---	429.340	429.266	429.195	429.089	428.973	---	---	---	---	1986
1987	---	---	---	---	429.351	429.254	---	429.116	429.031	---	---	---	---	1987
1988	---	---	---	---	428.896	428.773	428.685	428.525	428.428	428.395	---	---	---	1988
1989	---	---	---	---	428.402	428.310	428.205	428.076	---	---	---	---	---	1989
1990	---	---	---	---	428.027	428.000	427.972	---	---	---	---	---	---	1990
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 37 45 N DRAINAGE AREA, 5 140 km²
LONG 100 43 08 W REGULATED SINCE 1958DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

*** - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

PLUM LAKES NEAR FINDLAY - STATION NO. 05NG809

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	429.539 ON MAY 09	---	1971
1972	---	429.600 ON APR 25	---	1972
1975	---	430.073 ON MAY 07 *	---	1975
1978	---	---	---	1978
1979	---	429.643 ON MAY 27	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	428.511 ON APR 20	---	1985
1986	---	---	---	1986
1987	---	429.428 ON APR 20	---	1987
1988	---	428.918 ON MAY 03	---	1988
1989	---	---	---	1989
1990	---	428.113A ON APR 02	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORTAGE RESERVOIR NEAR PORTAGE LA PRAIRIE - STATION NO. 05MJ006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	264.728	264.580	264.513	264.469	264.085	261.320	259.523	258.546	---	1970
1971	258.696	---	---	262.793	264.521	264.560	264.474	264.284	264.327	263.162	259.464	259.083	---	1971
1972	258.979	---	261.044	263.967	264.661	---	263.969	263.683	263.644	262.543	260.300	260.426	---	1972
1973	260.304	260.316	260.416	261.244	263.228	264.482	264.476	264.360	264.291	262.368	260.267	---	---	1973
1974	260.263	260.286	259.601	---	---	263.017	263.578	264.105	264.104	264.058	---	260.350	---	1974
1975	260.432	260.448	---	---	263.842	263.646	264.172	264.478	---	264.203	---	---	---	1975
1976	260.910	260.938	260.709	---	264.224	263.603	264.047	---	---	260.502	260.422	260.846	---	1976
1977	260.860	260.913	261.116	261.857	263.997	264.224	264.709	264.437	264.252	263.783	261.752	260.273	262.690	1977
1978	259.873	259.729	259.774	261.699	263.375	263.927	263.919	263.843	263.819	262.332	259.884	259.458	261.814	1978
1979	259.538	259.680	259.793	261.486	263.853	264.182	264.477	264.229	263.639	260.139	260.034	260.256	261.787	1979
1980	260.288	260.300	260.495	261.591	263.906	264.095	264.126	264.180	263.580	260.796	260.584	260.398	262.033	1980
1981	260.468	260.618	261.033	262.171	264.446	264.535	264.428	264.382	262.099	260.436	260.540	260.584	262.155	1981
1982	260.350	260.611	260.527	263.041	264.442	264.494	264.338	264.444	263.682	260.458	260.386	260.328	262.291	1982
1983	260.617	260.624	260.862	263.130	264.260	264.407	264.329	264.465	262.679	---	---	---	---	1983
1984	260.435	260.558	260.594	262.460	264.673	264.694	264.649	264.452	264.327	262.880	261.682	260.433	262.658	1984
1985	260.480	260.596	261.243	263.171	264.302	264.372	264.347	264.517	262.336	260.151	260.544	260.542	262.226	1985
1986	---	---	---	---	264.465	264.465	---	---	---	---	260.812	260.651	---	1986
1987	260.692	260.730	261.008	263.567	264.547	264.528	264.527	264.412	263.307	---	260.697	260.548	---	1987
1988	260.536	260.607	261.031	264.121	264.682	264.678	264.651	264.640	264.336	260.618	260.596	260.698	262.601	1988
1989	260.810	260.859	260.897	262.453	264.466	264.576	264.548	264.509	264.453	261.600	260.724	260.759	262.563	1989
1990	260.764	260.845	261.203	262.786	264.704	264.810	264.764	264.655	264.127	260.722	260.745	260.734	262.580	1990
MEAN	260.289	260.510	260.667	262.596	264.261	264.297	264.362	264.345	263.727	261.782	260.496	260.273	262.309	MEAN

WATER LEVELS REFERRED TO PORTAGE DIVERSION DATUM

APPLY 0.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 49 56 43 N DRAINAGE AREA 152 000 km²
LONG 098 20 12 W REGULATED SINCE 1970

PORTAGE RESERVOIR NEAR PORTAGE LA PRAIRIE - STATION NO. 05MJ006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	264.901 AT 1600 CST ON MAY 16	264.862 ON MAY 16	---	1970
1971	---	264.816 ON APR 18	258.632 ON JAN 01 *	1971
1972	---	264.789 ON MAY 16	258.854 ON JAN 14	1972
1973	---	264.642 ON JUL 26	259.448 ON NOV 05	1973
1974	264.746 AT 0730 CST ON MAY 02	264.728 ON MAY 02	259.308 ON MAR 16	1974
1975	264.862 AT 0750 CST ON SEP 29	264.825 ON SEP 29	---	1975
1976	264.731 AT 1830 CST ON AUG 04	264.728 ON AUG 04	260.113 ON NOV 12	1976
1977	264.968 AT 1500 CST ON JUL 14 *	264.907 ON JUL 14 *	259.921 ON DEC 28	1977
1978	264.039 AT 0200 CST ON JUN 10	264.020 ON JUN 07	258.818A ON NOV 30	1978
1979	---	264.623A ON JUL 30	259.345A ON JAN 19	1979
1980	264.298 AT 2359 CST ON AUG 24	264.284 ON AUG 24	259.735A ON NOV 27	1980
1981	---	264.746A ON MAY 04	260.104A ON SEP 21	1981
1982	264.693 AT 0713 CST ON JUL 18	264.670 ON JUL 18	259.799A ON NOV 06	1982
1983	264.538 AT 1237 CST ON JUN 04	264.525 ON JUN 04	---	1983
1984	264.768 AT 1128 CST ON MAY 17	264.765 ON JUN 07	260.183 ON DEC 26	1984
1985	264.625 AT 1224 CST ON AUG 17	264.590 ON AUG 17	259.965 ON OCT 30	1985
1986	---	---	---	1986
1987	264.658 AT 0139 CST ON AUG 16	264.650 ON AUG 16	260.280 ON DEC 17	1987
1988	264.851 AT 0858 CST ON APR 29	264.841 ON APR 28	260.343 ON JAN 08	1988
1989	264.652 AT 1017 CST ON JUL 01	264.649 ON JUL 01	260.216A ON NOV 02	1989
1990	264.885 AT 0049 CST ON JUN 10	264.876 ON JUN 10	260.059 ON OCT 10	1990

WATER LEVELS REFERRED TO PORTAGE DIVERSION DATUM

APPLY 0.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAT LAKE NEAR NOTIGI CONTROL STRUCTURE - STATION NO. 05TF004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	27.411	27.171	27.072	27.732	28.391	28.602	28.451	28.452	28.504	28.202	27.693	---	1989
1990	27.201	26.683	26.755	27.117	27.395	27.417	27.968	28.145	28.143	28.078	27.752	27.578	27.525	1990
MEAN	27.201	27.047	26.963	27.095	27.564	27.904	28.285	28.298	28.298	28.291	27.977	27.635	27.525	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 56 07 57 N DRAINAGE AREA, 4 860 km²
LONG 099 29 09 W REGULATED

RAT LAKE NEAR NOTIGI CONTROL STRUCTURE - STATION NO. 05TF004

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1989	28.660 AT 1325 CST ON JUL 12 *	28.660 ON JUL 12 *	27.017 ON APR 06	1989
1990	28.216 AT 1752 CST ON AUG 31	28.208 ON SEP 01	26.472 ON MAR 01 *	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAT RIVER BELOW NOTIGI CONTROL STRUCTURE - STATION NO. 05TF003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	244.575	244.625	244.253	---	---	244.195	244.348	243.866	244.070	244.396	244.413	244.000	---	1978
1979	244.999	244.961	244.883	244.415	---	---	243.226	---	243.711	244.237	244.316	244.581	---	1979
1980	245.002	245.087	244.976	244.594	243.653	244.109	244.184	---	244.119	244.134	---	---	---	1980
1981	---	244.939	244.574	244.321	244.141	244.567	244.853	244.825	243.862	242.841	242.883	---	---	1981
1982	---	---	---	---	---	242.320	243.565	244.125	244.577	244.567	---	---	---	1982
MEAN	244.859	244.903	244.672	244.443	243.897	243.798	244.035	244.272	244.068	244.035	243.871	244.590	---	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

LOCATION - LAT 55 51 37 N DRAINAGE AREA, 6 080 km²
LONG 099 17 34 W REGULATED SINCE 1976

RAT RIVER BELOW NOTIGI CONTROL STRUCTURE - STATION NO. 05TF003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	244.986 ON DEC 29	244.968 ON DEC 30	---	1978
1979	245.068 AT 2110 CST ON JAN 18	245.062 ON JAN 19	242.936 ON JUL 29	1979
1980	245.263 AT 1400 CST ON JAN 14 *	245.252 ON JAN 14 *	---	1980
1981	---	---	242.787 ON NOV 01 *	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED DEER LAKE NEAR BARROWS - STATION NO. 05LC003

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1914	---	---	---	---	27.796	28.328	28.310	28.184	27.819	27.133	27.126	---	---	1913
1920	---	---	---	---	---	---	---	---	---	26.912	---	---	---	1914
														1920
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM														
1966	---	---	---	---	---	---	262.850	262.547	262.210	---	---	---	---	1966
1967	---	---	---	---	---	---	262.352	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	262.191	---	---	---	---	---	---	1968
1969	261.744	261.705	261.670	261.942	262.231	262.102	261.806	261.686	261.577	261.688	261.885	261.805	261.790	1969
1970	261.671	261.665	261.672	261.756	---	262.649	262.881	262.498	262.088	261.922	---	---	---	1970
1971	261.943	261.835	261.748	---	---	262.329	262.020	---	---	---	---	---	---	1971
1972	261.789	261.758	261.723	261.846	---	262.875	262.335	262.008	261.760	---	---	---	---	1972
1973	---	---	---	261.743	261.963	---	262.636	262.298	261.941	261.864	261.641	---	---	1973
1974	261.757	261.740	261.723	261.888	263.183	263.281	262.552	262.086	261.941	261.917	261.810	261.782	262.144	1974
1975	261.746	261.727	261.705	261.769	262.615	262.771	262.442	262.111	261.994	262.103	262.042	261.929	262.082	1975
1976	261.845	261.764	---	---	262.214	262.400	262.720	262.265	261.938	261.737	261.658	261.640	---	1976
1977	261.626	261.630	261.652	261.769	261.931	261.816	261.760	261.894	262.000	262.069	262.038	261.961	261.847	1977
1978	261.858	261.799	261.752	261.905	262.546	263.313	262.071	261.912	261.919	261.940	261.944	---	---	1978
1979	261.856	261.792	261.756	261.923	263.189	263.536	262.775	262.199	261.905	261.786	261.725	261.695	262.180	1979
1980	261.670	261.667	261.675	261.757	261.820	261.666	261.567	261.571	261.631	261.692	261.709	261.698	261.676	1980
1981	261.686	261.673	261.660	261.785	261.915	261.801	261.814	261.744	261.618	261.727	261.910	261.857	261.767	1981
1982	261.784	261.758	261.765	261.836	262.072	262.178	262.094	262.016	261.862	261.834	---	---	---	1982
1983	261.699	261.673	261.667	261.734	262.450	262.817	262.785	262.460	---	---	261.923	261.866	---	1983
1984	261.803	261.758	261.710	262.068	262.680	263.132	262.666	262.132	261.884	261.871	261.906	261.868	262.124	1984
1985	261.824	261.798	261.752	262.070	262.804	262.566	---	---	262.094	262.024	261.989	261.887	---	1985
1986	261.810	261.744	261.725	262.174	262.617	262.456	262.163	261.941	261.800	261.763	261.726	261.696	261.968	1986
1987	---	---	261.652	261.929	262.070	262.004	262.007	261.992	261.906	261.745	261.805	261.770	---	1987
1988	261.733	261.717	261.710	262.038	262.777	262.426	261.993	261.765	261.636	261.582	261.552	261.506	261.870	1988
1989	---	---	---	---	261.710	261.707	261.663	261.613	261.771	261.726	---	261.728	---	1989
1990	261.696	261.682	261.690	261.897	262.438	262.409	262.253	261.954	261.745	261.596	261.566	261.546	261.874	1990

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1913 ADJ.)

LOCATION - LAT 52 53 40 N DRAINAGE AREA, 14 200 km²
LONG 101 27 50 W NATURAL FLOW

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

RED DEER LAKE NEAR BARROWS - STATION NO. 05LC003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1913	---	---	---	---
1914	---	28.093 ON JUN 04	---	1913
1920	---	---	---	1914
				1920
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM				
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	262.314 ON MAY 07	261.454 ON SEP 16	1969
1970	---	---	261.659 ON JAN 19	1970
1971	---	---	---	1971
1972	---	263.600 ON MAY 16	---	1972
1973	---	262.710 ON JUL 10	---	1973
1974	---	263.539 ON JUN 02	261.692 ON APR 13	1974
1975	---	262.820A ON JUN 13	261.689A ON MAR 31	1975
1976	262.930 AT 1315 CST ON JUL 01	262.905 ON JUL 02	---	1976
1977	262.165 AT 0528 CST ON OCT 10	262.116 ON OCT 10	261.607 ON JAN 28	1977
1978	262.671 AT 1713 CST ON MAY 13	262.634 ON MAY 14	261.726 ON MAR 26	1978
1979	263.746 AT 0248 CST ON JUN 13	263.694 ON JUN 11	261.678 ON DEC 31	1979
1980	261.962 AT 2253 CST ON MAY 05	261.902 ON MAY 02	261.476 ON JUL 30	1980
1981	262.011 AT 1849 CST ON MAY 22	261.975 ON MAY 22	261.519 ON SEP 23	1981
1982	262.267 AT 1922 CST ON JUL 31	262.232 ON JUN 10	261.711 ON DEC 29	1982
1983	262.929 AT 1434 CST ON JUN 19	262.909 ON JUN 19	261.641 ON APR 12	1983
1984	263.258 AT 1609 CST ON JUN 16	263.213 ON JUN 15	261.699 ON MAR 15	1984
1985	262.895 AT 1702 CST ON MAY 11	262.869 ON MAY 12	261.725 ON MAR 31	1985
1986	262.759 AT 1301 CST ON MAY 22	262.719 ON MAY 22	261.677 ON DEC 30	1986
1987	262.207 AT 1535 CST ON MAY 01	262.175 ON MAY 01	261.642 ON MAR 15	1987
1988	262.967 AT 1227 CST ON MAY 12	262.891 ON MAY 14	261.460 ON SEP 08	1988
1989	261.882 AT 1000 CST ON OCT 01	261.833 ON SEP 16	---	1989
1990	262.763 AT 1819 CST ON MAY 27	262.642 ON MAY 28	261.483 ON OCT 11	1990

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1913 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

RED RIVER ABOVE FLOODWAY CONTROL STRUCTURE - STATION NO. 050C021

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	229.028	226.736	224.494	223.799	223.779	223.743	222.821	222.499	---	1970
1971	222.654	222.838	223.014	226.920	224.427	---	---	223.706	223.734	223.983	223.795	223.403	---	1971
1972	222.999	223.031	224.124	227.894	225.567	224.337	223.773	223.756	223.725	223.757	222.567	222.368	223.990	1972
1973	222.457	222.662	223.901	223.913	223.639	223.687	223.670	---	---	---	222.825	---	---	1973
1974	222.909	222.916	222.918	227.276	230.410	226.019	223.914	223.835	223.752	223.755	222.783	222.610	224.431	1974
1975	222.671	222.842	222.827	224.713	228.416	224.742	227.677	224.298	223.764	223.738	222.828	222.682	224.281	1975
1976	222.803	222.868	222.005	227.545	224.621	223.965	223.700	223.644	223.647	223.647	222.219	222.040	223.639	1976
1977	---	---	---	---	224.627	223.645	223.671	223.643	223.713	223.663	222.457	222.584	---	1977
1978	222.771	222.932	223.010	229.191	225.610	224.021	224.064	223.742	223.740	223.642	222.544	222.514	224.293	1978
1979	222.522	222.607	222.593	226.309	231.689	225.164	224.281	223.849	223.710	223.577	222.556	---	---	1979
1980	222.569	222.703	222.875	224.971	223.743	223.730	223.677	223.686	223.698	223.616	---	---	---	1980
1981	---	222.280	222.593	222.632	223.556	223.727	223.809	223.721	223.761	223.718	222.681	222.474	---	1981
1982	---	---	---	---	227.177	224.946	---	---	---	---	---	---	---	1982
1983	---	---	---	---	226.577	224.086	---	---	---	---	---	---	---	1983
1984	---	---	223.199	226.318	223.977	225.190	---	---	---	---	---	---	---	1984
1985	---	---	---	224.896	224.716	224.506	224.406	---	---	---	---	---	---	1985
1986	---	---	223.923	228.394	227.558	224.517	224.030	---	---	---	---	---	---	1986
1987	---	---	---	---	223.982	---	---	---	---	---	---	---	---	1987
1988	---	---	---	224.003	223.651	223.731	---	---	---	---	---	---	---	1988
1989	---	---	222.196	226.046	224.675	223.780	---	---	---	---	---	---	---	1989
1990	---	---	222.361	224.034	223.688	223.824	---	---	---	---	---	---	---	1990
MEAN	222.706	222.768	223.157	225.989	225.505	224.397	224.244	223.789	223.729	223.711	222.716	222.553	224.097	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 49 45 10 N DRAINAGE AREA, 119 000 km²
LONG 097 08 00 W REGULATED

RED RIVER ABOVE FLOODWAY CONTROL STRUCTURE - STATION NO. 050C021

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	231.541 AT 1530 CST ON MAY 01	231.526 ON MAY 01	---	1970
1971	229.834 AT 0740 CST ON APR 14	229.819 ON APR 14	---	1971
1972	---	228.960 ON APR 18	222.312 ON DEC 08	1972
1973	---	233.059 ON APR 24	222.400 ON JAN 04	1973
1974	---	---	222.544 ON DEC 06	1974
1975	229.952 AT 1115 CST ON MAY 08	229.944 ON MAY 11	222.449 ON DEC 02	1975
1976	230.103 AT 0200 CST ON APR 11	230.075 ON APR 11	222.004 ON DEC 19	1976
1977	223.866 AT 2200 CST ON JUL 13	223.854 ON JUL 14	---	1977
1978	231.169 AT 1200 CST ON APR 16	231.057 ON APR 16	222.227 ON NOV 19	1978
1979	233.168 AT 1318 CST ON MAY 09 *	233.151 ON MAY 09 *	222.356 ON DEC 04	1979
1980	227.411 AT 1700 CST ON APR 12	227.252 ON APR 12	---	1980
1981	224.174 AT 1505 CST ON JUL 05	224.162 ON JUL 05	---	1981
1982	---	226.917 ON APR 18	222.641 ON MAR 22	1982
1983	---	225.029A ON APR 10	---	1983
1984	228.243 AT 2049 CST ON APR 06	228.093 ON APR 07	---	1984
1985	227.541 AT 1722 CST ON MAR 28	227.519 ON MAR 29	---	1985
1986	230.001 AT 0427 CST ON APR 03	229.995 ON APR 03	---	1986
1987	231.063 AT 0131 CST ON APR 10	231.050 ON APR 10	---	1987
1988	225.733 AT 1646 CST ON APR 08	225.715 ON APR 08	---	1988
1989	229.334 AT 1923 CST ON APR 24	229.330 ON APR 24	---	1989
1990	225.041 AT 1336 CST ON APR 05	225.009 ON APR 05	221.860A ON MAR 14 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER ABOVE RED RIVER FLOODWAY - STATION NO. 050C026

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	228.491	227.686	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	1987
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
MEAN	---	---	---	228.491	227.686	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 49 43 26 N DRAINAGE AREA, 119 000 km²
LONG 097 07 49 W REGULATED

RED RIVER ABOVE RED RIVER FLOODWAY - STATION NO. 050C026

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	229.003 AT 1621 CST ON APR 16	228.993 ON APR 18	---	1982
1983	229.201 AT 1811 CST ON APR 10	229.116 ON APR 10	---	1983
1984	228.403 AT 2031 CST ON APR 06	228.255 ON APR 07	---	1984
1985	227.765 AT 1738 CST ON APR 02	227.672 ON APR 03	---	1985
1986	230.072 AT 2231 CST ON APR 02	230.058 ON APR 03	---	1986
1987	231.135 AT 0025 CST ON APR 10 *	231.117 ON APR 10 *	---	1987
1989	229.457 AT 1507 CST ON APR 24	229.449 ON APR 24	---	1989

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT ELM PARK BRIDGE - STATION NO. 050C003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	223.720	223.437	---	221.831	---	1914
1915	221.922	221.887	221.928	222.807	223.750	223.771	224.358	223.440	223.635	223.475	221.731	221.869	222.880	1915
1916	221.834	221.763	221.888	226.439	226.307	224.480	224.390	223.925	223.879	221.632	222.083	222.092	221.562	1916
1917	222.031	221.977	222.030	224.859	224.284	223.867	223.753	223.026	223.122	221.616	221.482	221.507	222.767	1917
1918	221.504	221.594	222.008	224.822	223.668	223.722	223.674	223.672	223.658	221.443	221.471	221.455	222.732	1918
1919	---	---	---	224.122	223.893	223.788	224.095	223.807	223.193	223.611	221.609	221.818	---	1919
1920	221.996	222.121	222.643	226.183	224.186	223.910	223.652	223.672	223.597	---	---	---	---	1920
1921	---	221.736	221.937	224.144	224.825	223.802	223.761	223.747	223.825	221.877	---	---	---	1921
1922	221.892	221.863	---	224.996	225.241	224.363	223.957	223.784	223.718	223.779	---	---	---	1922
1923	---	---	---	---	225.823	224.085	---	---	---	---	---	---	---	1923
1925	---	---	---	---	224.050	---	---	---	---	---	---	---	---	1925
1926	---	---	---	223.611	223.806	223.954	223.788	223.614	223.858	223.873	---	---	---	1926
1927	---	---	---	226.176	226.752	225.135	224.438	223.878	223.984	223.914	---	---	---	1927
1928	---	---	---	224.663	225.954	224.103	223.751	223.869	223.869	223.819	---	---	---	1928
1929	---	---	---	224.142	223.703	223.716	223.630	223.681	223.693	223.713	---	---	---	1929
1930	---	---	---	224.590	224.097	223.751	223.693	223.661	223.654	223.680	---	---	---	1930
1931	---	---	---	224.200	223.177	223.657	223.654	223.615	---	223.720	---	---	---	1931
1932	---	---	---	224.159	223.595	---	---	---	---	---	---	---	---	1932
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
MEAN	221.846	221.849	222.072	224.461	224.360	223.998	223.898	223.671	223.668	223.696	221.675	221.762	223.035	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 51 15 N
LONG 097 08 30 W REGULATED SINCE 1969

RED RIVER AT ELM PARK BRIDGE - STATION NO. 050C003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1914	---	---	---	1914
1915	---	225.128 ON JUL 11	221.617 ON NOV 13	1915
1916	---	229.478 ON APR 24	221.739 ON FEB 21	1916
1917	---	226.939 ON APR 15	221.376 ON NOV 25	1917
1918	---	223.839 ON JUN 01	221.294 ON NOV 16 *	1918
1919	---	225.546 ON APR 12	---	1919
1920	---	227.411 ON APR 18	---	1920
1921	---	225.491 ON APR 14	---	1921
1922	---	226.338 ON MAY 19	---	1922
1923	---	228.548 ON APR 27	---	1923
1925	---	---	---	1925
1926	---	224.281 ON JUL 02	---	1926
1927	---	227.960 ON MAY 16	---	1927
1928	---	226.027 ON APR 08	---	1928
1929	---	225.930 ON APR 02	---	1929
1930	---	226.789 ON APR 13	---	1930
1931	---	225.412 ON APR 09	---	1931
1932	---	226.725 ON APR 16	---	1932
1950	---	231.974 ON MAY 18 *	---	1950
1956	---	228.978 ON APR 27	---	1956
1966	---	230.612 ON APR 14	---	1966
1969	---	227.768 ON APR 27	---	1969
1984	256.225 AT 1107 CST ON JUL 09 *	---	---	1984

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT JAMES AVENUE PUMPING STATION - STATION NO. 050J015

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	225.012	223.822	223.726	223.681	223.657	223.661	223.732	222.879	222.526	---	1971
1972	---	---	223.067	225.865	224.649	223.802	223.688	223.698	223.688	223.727	221.923	221.861	---	1972
1973	221.950	221.888	222.746	222.219	223.582	223.664	223.684	223.681	223.734	223.710	222.130	222.139	222.936	1973
1974	222.110	222.085	222.040	224.400	227.023	225.192	223.722	223.693	223.690	223.733	222.183	221.980	223.495	1974
1975	222.088	---	---	223.536	226.013	224.230	226.031	223.913	223.707	223.700	222.440	222.327	---	1975
1976	222.177	222.299	222.269	225.654	224.381	224.857	223.706	223.682	223.695	223.703	221.632	221.423	223.223	1976
1977	221.586	221.529	221.347	222.065	223.642	223.670	223.706	223.678	223.735	223.644	221.804	221.927	222.703	1977
1978	221.980	221.984	221.920	226.055	224.446	223.678	223.746	223.696	223.737	223.643	221.602	221.610	223.178	1978
1979	221.664	221.732	221.679	223.999	227.121	224.525	223.643	223.707	223.679	223.562	221.875	221.895	223.283	1979
1980	222.037	222.041	221.991	223.907	223.693	223.711	223.692	223.717	223.713	223.608	221.622	221.441	222.933	1980
1981	221.524	221.484	221.906	221.915	223.513	223.677	223.684	223.678	223.733	223.628	221.956	221.683	223.707	1981
1982	221.838	221.818	221.814	226.315	224.021	223.721	223.705	223.693	223.704	223.634	222.165	222.226	223.145	1982
1983	222.073	222.053	223.747	225.183	223.734	223.745	223.724	223.723	223.712	223.609	222.004	222.015	223.283	1983
1984	222.077	221.942	222.124	224.682	223.652	224.240	223.668	223.663	223.700	223.584	221.907	221.959	223.100	1984
1985	221.983	221.985	223.060	224.073	223.955	223.759	223.751	223.789	223.699	223.586	222.272	222.353	223.196	1985
1986	222.343	222.295	222.851	226.308	225.896	223.840	223.724	223.729	223.729	223.575	---	222.213	---	1986
1987	222.095	221.985	222.660	225.766	223.721	223.727	223.719	223.698	223.713	223.527	221.521	221.411	223.132	1987
1988	221.523	221.612	221.988	224.090	224.636	223.680	223.659	223.656	223.669	223.491	---	221.087	---	1988
1989	221.234	221.354	221.355	224.346	224.017	223.634	223.623	223.608	223.633	223.391	221.286	221.251	222.734	1989
1990	221.268	221.334	221.681	223.278	223.615	223.655	223.624	223.624	223.631	223.154	---	221.274	---	1990
MEAN	221.875	221.950	222.230	224.333	224.407	223.887	223.819	223.699	223.698	223.597	221.953	221.830	223.075	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 53 45 N DRAINAGE AREA, 276 000 Km²
LONG 097 07 50 W REGULATED

RED RIVER AT JAMES AVENUE PUMPING STATION - STATION NO. 050J015

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	226.936 AT 1720 CST ON APR 12	226.838 ON APR 12	---	1971
1972	226.872 AT 2147 CST ON APR 18	226.811 ON APR 18	221.431 ON NOV 22	1972
1973	225.384 AT 1313 CST ON MAR 28	225.305 ON MAR 28	221.657 ON MAR 09	1973
1974	227.722 AT 0757 CST ON MAY 21	227.612 ON MAY 21	221.699 ON NOV 23	1974
1975	226.683 AT 0056 CST ON MAY 20	226.588 ON MAY 20	221.827 ON MAR 21	1975
1976	226.689 AT 1123 CST ON APR 09	226.576 ON APR 09	221.257 ON NOV 17	1976
1977	224.037 AT 2116 CST ON JUL 11	223.900 ON JUL 14	221.227 ON MAR 17	1977
1978	227.375 AT 0538 CST ON APR 15	227.046 ON APR 15	221.035A ON NOV 21	1978
1979	227.606 AT 1322 CST ON MAY 09	227.599 ON MAY 09	221.553 ON NOV 13	1979
1980	225.663 AT 0429 CST ON APR 13	225.619 ON APR 13	221.260 ON NOV 27	1980
1981	223.984 AT 0821 CST ON MAY 30	223.890 ON MAY 30	221.341 ON FEB 25	1981
1982	226.736 AT 1044 CST ON APR 18	226.667 ON APR 18	221.653 ON MAR 23	1982
1983	227.138 AT 1657 CST ON APR 07	226.890 ON APR 10	221.820 ON NOV 29	1983
1984	226.104 AT 1924 CST ON APR 07	226.018 ON APR 08	221.745 ON NOV 25	1984
1985	226.201 AT 1849 CST ON MAR 28	226.190 ON MAR 28	221.764 ON MAR 15	1985
1986	227.279 AT 2013 CST ON MAR 31	227.201 ON APR 01	---	1986
1987	227.649 AT 0841 CST ON APR 06	227.427 ON APR 06	221.247 ON NOV 22	1987
1988	224.360 AT 1727 CST ON APR 09	---	---	1988
1989	226.772 AT 1004 CST ON APR 22	226.706 ON APR 22	221.087 ON NOV 19	1989
1990	223.921 AT 1840 CST ON APR 09	223.875 ON APR 09	221.061A ON NOV 23	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT SELKIRK - STATION NO. 050J005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1957	---	---	---	---	---	---	218.204	218.060	217.963	217.770	---	---	---	1957
1958	---	---	---	---	217.553	217.526	217.612	---	---	217.053	---	---	---	1958
1959	---	---	217.213	217.978	217.562	217.782	217.835	217.807	217.766	217.819	---	---	---	1959
1960	---	---	---	---	218.104	217.954	217.906	217.781	217.544	217.421	---	---	---	1960
1961	---	---	---	217.572	217.491	217.485	217.416	217.280	217.162	217.034	216.878	---	---	1961
1962	---	---	---	217.933	217.705	218.328	218.063	217.832	217.765	217.804	217.650	---	---	1962
1963	---	---	217.374	217.835	217.523	---	217.615	217.694	217.464	217.246	217.088	---	---	1963
1964	---	---	---	---	217.496	217.784	217.540	217.558	217.543	217.397	---	---	---	1964
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
MEAN	---	---	217.294	217.830	217.633	217.810	217.774	217.716	217.601	217.443	217.208	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 08 30 N
LONG 096 52 05 W REGULATED

RED RIVER AT SELKIRK - STATION NO. 050J005

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1950	---	221.294 ON MAY 13	---	1950
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	218.545 ON JUL 14 220.002 ON APR 12	---	1959
1960	---	222.199 ON APR 14	---	1960
1961	---	222.902 ON JUN 24	---	1961
1962	---	219.700 ON APR 24	---	1962
1963	---	218.846 ON APR 10	---	1963
1964	---	220.535 ON APR 18	---	1964
1966	---	222.294 ON APR 09 *	---	1966
1969	---	220.373 ON APR 29	---	1969

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER AT WINNIPEG - STATION NO. 050J001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1912	---	---	---	---	---	---	---	---	223.668	---	---	---	---	1912
1914	---	---	---	---	---	223.749	223.697	223.651	223.670	---	---	221.609	---	1914
1915	---	221.688	221.772	222.474	223.680	223.660	223.960	223.345	223.605	223.455	221.464	221.698	---	1915
1916	221.720	221.648	221.667	---	223.568	224.077	224.095	223.810	223.817	223.597	221.949	221.973	---	1916
1917	221.887	221.876	221.952	224.393	224.071	224.783	224.716	---	---	---	---	---	---	1917
1918	220.969	221.007	221.677	222.673	223.657	223.644	223.664	223.643	223.608	223.374	---	---	---	1918
1920	---	---	---	---	---	---	---	---	---	---	---	---	---	1920
1921	---	---	---	---	---	---	---	---	---	---	---	---	---	1921
1922	---	---	---	---	---	224.074	223.732	223.692	223.733	223.655	222.465	221.623	---	1922
1923	---	---	---	---	225.249	223.821	---	---	---	223.668	---	---	---	1923
1924	---	---	---	---	---	---	---	---	---	---	---	---	---	1924
1925	---	---	---	---	---	---	---	---	---	---	---	---	---	1925
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1927	---	---	---	---	---	---	---	---	---	---	---	---	---	1927
1929	---	---	---	---	---	---	---	---	---	---	---	---	---	1929
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
1931	---	---	---	---	---	---	---	---	---	---	---	---	---	1931
1932	---	---	---	---	---	---	---	---	---	---	---	---	---	1932
1933	---	---	---	---	---	---	---	---	---	---	---	---	---	1933
1934	---	---	---	224.144	223.638	223.624	223.592	223.598	223.605	223.583	---	---	---	1934
1935	---	---	---	223.000	223.654	223.656	223.718	223.580	223.580	223.585	---	---	---	1935
1936	---	---	---	---	223.649	223.616	223.588	223.582	223.589	223.573	---	---	---	1936
1937	---	---	---	---	223.562	223.611	223.609	223.584	223.586	223.580	---	---	---	1937
1938	---	---	---	---	222.155	223.623	223.564	223.573	223.596	223.566	---	---	---	1938
1939	---	---	---	---	223.564	223.624	223.612	223.599	223.662	223.618	---	---	---	1939
1940	---	---	---	---	223.601	223.615	223.607	223.631	223.597	223.595	---	---	---	1940
1941	---	---	---	---	223.555	223.661	223.584	223.601	223.605	223.601	---	---	---	1941
1942	---	---	---	---	223.837	223.634	223.639	223.625	223.645	223.641	---	---	---	1942
1943	221.616	221.669	221.769	225.339	223.909	224.472	223.913	223.669	223.710	223.660	---	---	---	1943
1944	221.471	221.565	221.672	222.517	223.181	223.746	223.792	223.789	223.994	223.715	222.704	222.461	222.093	1944
1945	221.953	221.995	223.751	225.411	223.820	223.719	223.702	223.688	223.797	223.731	221.793	221.568	223.249	1945
1946	221.633	221.643	222.920	224.766	223.559	223.678	223.732	223.680	223.713	221.966	221.684	223.061	---	1946
1947	221.777	221.817	221.873	224.671	224.509	224.250	224.079	223.749	223.661	223.743	222.095	221.791	223.174	1947
1948	221.857	221.839	221.885	224.905	226.294	223.920	223.774	223.714	223.659	223.700	222.095	221.343	223.214	1948
1949	221.489	221.523	---	---	---	---	223.525	223.656	223.589	223.826	221.891	---	---	1949
1950	---	221.660	---	224.935	---	---	---	223.925	223.854	223.783	---	---	---	1950
1951	---	---	---	---	---	223.703	223.677	223.683	223.672	223.747	---	---	---	1951
1952	---	---	---	---	---	223.720	223.723	223.665	223.670	223.747	---	---	---	1952
1953	---	---	---	---	---	223.799	---	---	223.690	223.687	---	---	---	1953
1954	---	---	---	---	---	---	---	---	223.634	223.766	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	222.110	223.536	223.855	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
MEAN	221.637	221.661	222.095	223.971	223.982	223.771	223.714	223.656	223.671	223.643	221.877	221.717	223.109	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 55 00 N DRAINAGE AREA, 277 000 km²
LONG 097 07 30 W REGULATED

RED RIVER AT WINNIPEG - STATION NO. 05QJ001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1912	---	---	---	1912
1914	---	---	---	1914
1915	---	224.592 ON JUL 10	221.361 ON NOV 06	1915
1916	---	228.951 ON APR 22	221.605 ON FEB 03	1916
1917	---	226.055 ON APR 14	---	1917
1918	---	223.799 ON MAY 31	220.934 ON JAN 02	1918
1920	---	226.786 ON APR 16	---	1920
1921	---	225.628 ON APR 15	---	1921
1922	---	225.625 ON MAY 20	---	1922
1923	---	224.500 ON APR 28	221.260 ON NOV 24	1923
1924	---	224.592 ON APR 29	221.260 ON NOV 21	1924
1925	---	226.244 ON APR 02	221.395 ON JAN 03	1925
1926	---	223.943 ON APR 27	221.516 ON NOV 15	1926
1927	---	226.957 ON MAY 16	221.623 ON JAN 03	1927
1929	---	225.418 ON APR 02	221.120 ON NOV 26	1929
1930	---	225.814 ON APR 11	220.937 ON NOV 18	1930
1931	---	224.717 ON APR 09	220.901 ON NOV 19	1931
1932	---	225.936 ON APR 16	221.004 ON NOV 18	1932
1933	---	223.967 ON APR 10	220.983 ON NOV 15	1933
1934	---	223.757 ON APR 14	220.770 ON NOV 24	1934
1935	---	223.909 ON JUL 07	220.892 ON JAN 01	1935
1936	---	225.890 ON APR 22	220.861 ON NOV 11	1936
1937	---	223.787 ON MAY 06	220.892 ON NOV 21	1937
1938	---	223.872 ON MAY 16	220.953 ON JAN 05	1938
1939	---	223.757 ON OCT 04	221.135 ON DEC 25	1939
1940	---	223.985 ON APR 22	220.922 ON NOV 10	1940
1941	---	226.226 ON APR 15	221.166 ON JAN 01	1941
1942	---	226.515 ON APR 15	221.379 ON JAN 22	1942
1943	---	226.515 ON APR 14	221.331 ON NOV 12	1943
1944	---	224.519 ON SEP 07	221.443 ON JAN 14	1944
1945	---	227.039 ON MAR 31	221.486 ON DEC 03	1945
1946	---	225.927 ON MAR 31	221.498 ON NOV 16	1946
1947	---	225.805 ON MAY 02	221.532 ON NOV 16	1947
1948	---	226.234 ON APR 30	221.068 ON NOV 14	1948
1949	---	226.701 ON APR 18	221.331 ON JAN 09	1949
1950	---	230.325 ON MAY 19	221.611 ON JAN 07	1950
1951	---	225.884 ON APR 21	221.547 ON NOV 10	1951
1952	---	225.512 ON APR 29	221.068 ON NOV 26	1952
1953	---	224.171 ON JUL 15	221.285 ON JAN 02	1953
1954	---	---	221.559 ON DEC 03	1954
1955	---	226.847 ON APR 12	221.544 ON NOV 21	1955
1956	---	227.875 ON APR 27	221.176 ON APR 09	1956
1957	---	224.427 ON MAY 01	221.550 ON JAN 05	1957
1958	---	225.927 ON MAY 13	221.123 ON NOV 17	1958
1959	---	225.762E ON APR 12	221.212 ON JAN 01	1959
1960	---	227.862 ON APR 18	221.105 ON NOV 15	1960
1961	---	223.796 ON OCT 20	221.004 ON NOV 20	1961
1962	---	227.314 ON APR 24	220.916 ON MAR 22	1962
1963	---	224.692 ON APR 11	---	1963
1964	---	225.217 ON APR 20	---	1964
1965	---	227.637 ON APR 19	221.602 ON APR 06	1965
1966	---	229.133 ON APR 14	221.574 ON NOV 14	1966
1967	---	227.393 ON APR 23	221.138 ON NOV 24	1967
1968	---	224.226 ON AUG 20	221.382 ON JAN 02	1968
1969	---	226.572 ON APR 30	221.751 ON DEC 04	1969
1970	---	227.030 ON APR 24	221.501 ON NOV 26	1970
1971	---	226.436 ON APR 12	221.830 ON MAR 23	1971
1974	---	227.204 ON MAY 21	---	1974
1975	---	226.198 ON MAY 20	---	1975
1976	---	226.220 ON APR 04	---	1976

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER BELOW FLOODWAY CONTROL STRUCTURE - STATION NO. 05OC020

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	227.746	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	227.830	---	---	223.738	223.750	223.732	223.763	---	---	---	1972
1974	---	---	---	---	228.443	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	227.327	224.771	227.616	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1979	---	---	---	---	228.836	---	---	---	---	---	---	---	---	1979
1982	---	---	---	227.030	224.914	224.095	---	---	---	---	---	---	---	1982
1983	---	---	---	229.528	224.115	224.145	---	---	---	---	---	---	---	1983
1984	---	---	---	226.282	224.016	225.193	---	---	---	---	---	---	---	1984
1985	---	---	---	224.871	224.671	224.450	224.400	---	---	---	---	---	---	1985
1986	---	---	---	227.966	227.428	224.441	---	---	---	---	---	---	---	1986
1987	---	---	---	---	224.016	---	---	---	---	---	---	---	---	1987
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
MEAN	---	---	---	226.751	226.151	224.516	225.251	223.750	223.732	223.763	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 49 45 20 N DRAINAGE AREA, 119 000 km²
LONG 097 08 10 W REGULATED SINCE 1969

REMARKS - THIS GAUGING STATION IS GENERALLY ACTIVATED WHEN THE RED RIVER FLOODWAY IS OPERATING

RED RIVER BELOW FLOODWAY CONTROL STRUCTURE - STATION NO. 050C020
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

99

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	229.310 ON APR 24	---	1970
1971	---	228.883 ON APR 16	---	1971
1972	---	228.652 ON APR 18	---	1972
1974	---	228.911 ON MAY 21	---	1974
1975	228.338 AT 0830 CST ON APR 30	228.329 ON JUL 26	---	1975
1976	---	228.323 ON APR 09	---	1976
1979	229.438 AT 1708 CST ON MAY 09	229.431 ON MAY 09 *	---	1979
1982	228.481 AT 1720 CST ON APR 18	228.463 ON APR 18	---	1982
1983	228.912 AT 2009 CST ON APR 09	228.817 ON APR 10	---	1983
1984	228.235 AT 2028 CST ON APR 06	228.022 ON APR 07	---	1984
1985	227.401 AT 0923 CST ON MAR 29	227.374 ON MAR 29	---	1985
1986	229.114 AT 1800 CST ON MAR 31	228.900 ON MAR 31	---	1986
1987	229.552 AT 0715 CST ON APR 06 *	229.191 ON APR 07	---	1987
1989	228.660 AT 1535 CST ON APR 21	228.590 ON APR 22	---	1989

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER NEAR LETELLIER - STATION NO. 050C010
MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	227.914	228.102	---	---	226.417	---	---	---	---	1959
1960	---	---	---	233.373	229.325	---	---	---	226.458	226.288	226.526	---	---	1960
1963	---	---	228.226	230.560	228.555	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	229.372	230.323	228.663	227.332	227.213	227.718	---	---	---	1964
1965	---	---	---	233.961	233.618	230.986	229.190	227.563	227.480	228.665	---	---	---	1965
1966	---	---	---	238.307	234.358	230.121	228.961	228.299	227.904	227.266	227.474	---	---	1966
1967	---	---	---	238.720	---	229.788	228.145	227.126	226.950	227.023	226.993	---	---	1967
1968	---	---	---	229.296	227.647	229.336	230.021	228.810	228.725	227.798	227.717	227.982	---	1968
1969	---	---	---	234.517	---	229.512	228.302	---	227.262	227.470	227.600	227.582	---	1969
1970	---	---	227.957	233.419	---	---	---	---	---	---	---	---	---	1970
1972	---	---	---	235.450	---	---	---	---	---	---	---	---	---	1972
1974	---	---	---	---	237.049	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	237.937	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	235.631	---	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	1987
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
MEAN	---	---	228.092	234.023	231.753	229.738	228.880	227.826	227.301	227.461	227.262	227.782	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1953 ADJ.)

LOCATION - LAT 49 07 54 N DRAINAGE AREA, 103 000 km²
LONG 097 15 16 W REGULATED

RED RIVER NEAR LETELLIER - STATION NO. 050C010

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	---	---	1959
1960	---	236.583 ON APR 16	---	1960
1963	---	232.005 ON APR 15	---	1963
1964	---	233.206 ON APR 17	---	1964
1965	---	238.055 ON APR 26	---	1965
1966	---	239.097 ON APR 12	---	1966
1967	---	237.022 ON APR 10	---	1967
1968	---	232.041 ON APR 04	---	1968
1969	---	238.716 ON APR 30	---	1969
1970	238.189 AT 1215 CST ON MAY 01	238.183 ON MAY 01	---	1970
1972	236.107 AT 0127 CST ON APR 25	236.107 ON APR 25	---	1972
1974	238.549 AT 2350 CST ON APR 28	238.543 ON APR 28	---	1974
1975	237.835 AT 1156 CST ON MAY 09	237.832 ON MAY 09	---	1975
1976	236.702 AT 2126 CST ON APR 06	236.671 ON APR 09	---	1976
1978	238.454 AT 0300 CST ON APR 19	238.442 ON APR 19	---	1978
1979	239.420 AT 0634 CST ON MAY 03 *	239.404 ON MAY 02 *	---	1979
1980	235.061 AT 0630 CST ON APR 10	234.958 ON APR 10	---	1980
1982	236.651 AT 0404 CST ON APR 19	236.645 ON APR 18	---	1982
1983	236.138 AT 1130 CST ON APR 09	236.089 ON APR 09	---	1983
1984	236.303 AT 1426 CST ON APR 05	236.084 ON APR 05	---	1984
1985	234.715 AT 0321 CST ON MAR 30	234.679 ON MAR 30	---	1985
1986	236.914 AT 0705 CST ON APR 07	236.913 ON APR 07	---	1986
1987	237.812 AT 2320 CST ON APR 09	237.805 ON APR 09	---	1987
1989	237.778 AT 1351 CST ON APR 24	237.769 ON APR 24	---	1989

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1953 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED RIVER NEAR ST. ADOLPHE - STATION NO. 050C803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	224.038	223.658	223.615	223.635	222.481	---	---	1967
1968	---	---	---	---	---	224.625	225.052	224.642	224.460	223.680	223.301	---	---	1968
1969	---	---	---	---	---	---	224.267	223.917	223.786	223.821	---	---	---	1969
1970	---	---	---	---	---	---	---	223.778	223.720	223.720	---	---	---	1970
1971	---	---	---	---	---	---	223.947	223.720	223.746	224.142	---	---	---	1971
1972	---	---	---	---	---	---	223.981	223.971	223.847	223.888	---	---	---	1972
1973	---	---	---	---	---	223.753	223.712	223.732	223.921	224.219	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	223.592	---	---	---	1974
1975	---	---	---	---	---	---	---	223.888	223.849	---	---	---	---	1975
1976	---	---	---	---	---	---	---	223.689	223.676	223.683	---	---	---	1976
1977	---	---	---	---	---	---	223.693	223.645	223.694	223.674	---	---	---	1977
1978	---	---	---	230.318	226.234	224.176	---	223.799	223.736	223.624	---	---	---	1978
1979	---	---	---	---	---	225.728	---	224.048	---	---	---	---	---	1979
1980	---	---	---	225.760	223.863	---	---	---	---	---	---	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	227.346	224.329	224.385	224.760	223.874	223.961	223.732	222.882	---	---	1983
1984	---	---	---	---	224.215	225.748	224.133	223.704	223.684	223.757	223.041	---	---	1984
1985	---	---	---	229.360	228.488	225.002	---	---	---	---	---	---	---	1985
1986	---	---	---	---	---	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	223.623	223.617	---	---	223.692	---	---	---	---	1987
1988	---	---	---	---	---	223.880	---	---	223.604	223.374	---	---	---	1988
1989	---	---	---	227.004	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	---	223.708	223.955	---	---	223.621	223.200	---	---	---	1990
MEAN	---	---	---	227.958	224.923	224.487	224.176	223.867	223.794	223.724	222.926	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 40 50 N
LONG 097 06 52 WDRAINAGE AREA, 118 000 km²
REGULATEDDATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

RED RIVER NEAR ST. ADOLPHE - STATION NO. 050C803
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

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YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	232.020 ON APR 16	---	1978
1979	---	234.181 ON MAY 08 *	---	1979
1980	---	228.451 ON APR 12	---	1980
1982	---	229.926 ON APR 18	---	1982
1983	---	230.112 ON APR 09	---	1983
1984	---	---	---	1984
1985	---	228.518 ON MAR 28	---	1985
1986	---	---	---	1986
1987	---	232.002 ON APR 10	---	1987
1988	---	---	---	1988
1989	---	230.493 ON APR 25	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RED SUCKER LAKE AT RED SUCKER LAKE - STATION NO. 04AC008
MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	29.995	29.906	29.829	29.773	30.021	30.394	29.936	30.051	30.062	30.052	30.069	30.064	---	1983
1984	30.009	29.925	29.824	29.803	30.046	30.139	30.428	30.309	30.173	30.145	30.153	30.106	30.104	1984
1985	29.748	29.712	29.688	29.633	29.944	30.258	30.684	30.416	30.192	30.108	30.058	29.968	30.037	1985
1986	29.881	29.810	29.734	29.726	30.063	30.172	30.040	29.960	---	---	---	---	---	1986
1987	---	29.726	29.701	29.707	29.866	---	---	---	29.909	29.847	29.808	---	---	1987
1988	29.773	29.740	29.680	29.653	29.737	29.885	29.840	29.675	29.539	29.484	---	---	---	1988
1989	---	29.525	29.510	29.500	29.629	29.839	29.832	29.758	29.768	29.862	29.995	29.996	---	1989
1990	29.932	29.858	29.784	29.741	30.151	30.465	30.418	30.310	30.163	30.031	29.965	29.930	30.064	1990
MEAN	29.890	29.775	29.719	29.692	29.932	30.165	30.164	30.056	29.956	29.917	29.978	29.951	30.029	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 09 23 N
LONG 093 33 53 W NATURAL FLOW

RED SUCKER LAKE AT RED SUCKER LAKE - STATION NO. 04AC008
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	29.85 ON JUN 30	---	1981
1982	30.157 AT 1548 CST ON AUG 26	30.114 ON AUG 25	---	1982
1983	30.475 AT 1615 CST ON JUL 16	30.460 ON JUL 19	---	1983
1984	30.208 AT 2145 CST ON JUL 08	30.181 ON JUL 08	29.753 ON APR 24	1984
1985	30.775 AT 1340 CST ON JUL 09 *	30.761 ON JUL 09 *	29.723 ON OCT 07	1985
1986	30.231 AT 1330 CST ON MAY 28	30.230 ON MAY 27	29.607 ON APR 16	1986
1987	---	---	29.702 ON APR 12	1987
1988	29.926 AT 1852 CST ON JUN 19	---	29.662 ON APR 12	1988
1989	30.036 AT 1601 CST ON DEC 03	29.913 ON JUN 20	29.458 ON NOV 04 *	1989
1990	30.499 AT 1500 CST ON JUN 15	30.033 ON DEC 05	29.490 ON APR 22	1990
		30.489 ON JUN 15	29.698 ON APR 21	

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

REED LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1971	---	---	---	---	---	---	---	279.000	---	---	---	---	---
1972	---	---	---	---	---	---	279.350	---	---	---	---	---	---
1975	---	---	---	---	---	---	---	---	---	---	---	---	---
1977	---	---	---	---	278.897	278.990	279.088	279.164	279.193	---	---	---	---
1978	---	---	---	---	---	279.079	279.092	279.034	278.988	---	---	---	---
1979	---	---	---	---	---	279.481	279.440	279.207	279.053	---	---	---	---
1980	---	---	---	---	278.856	278.831	278.761	278.692	278.739	---	---	---	---
1981	---	---	---	---	278.871	278.917	278.925	278.822	278.711	278.712	---	---	---
1982	---	---	---	---	278.977	279.103	---	278.942	278.829	278.783	---	---	---
MEAN	---	---	---	---	278.900	279.067	279.109	278.980	278.919	278.747	---	---	---

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -250.771 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

LOCATION - LAT 54 35 00 N
LONG 100 29 00 W

REED LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	279.386 ON JUL 26	---	1972
1975	---	279.319 ON JUL 02	---	1975
1977	---	279.212 ON SEP 04	---	1977
1978	---	279.127 ON JUL 03	---	1978
1979	---	279.536 ON JUN 28 *	---	1979
1980	---	278.978A ON JUL 03	---	1980
1981	---	279.119 ON JUN 20	---	1981
1982	279.133 AT 1334 CST ON JUN 20 *	---	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -250.771 m ADJUSTMENT TO CONVERT TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

REINDEER LAKE AT BROCHET - STATION NO. 06DB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1970	---	---	---	---	---	---	334.981	335.140	---	335.466	335.604	---	---
1971	---	335.815	335.880	335.963	336.151	336.320	336.522	336.505	336.474	336.546	336.582	---	---
1972	---	---	---	---	---	---	336.470	336.506	336.472	336.501	336.515	336.461	---
1973	336.373	336.225	336.084	335.923	335.866	336.036	336.244	336.345	336.343	336.350	336.377	---	---
1974	336.457	336.428	336.374	336.296	336.318	336.415	336.480	336.531	336.523	336.504	336.545	336.571	336.454
1975	---	---	---	---	336.239	336.363	336.552	336.608	336.543	336.461	---	---	---
1976	---	---	---	---	---	---	---	336.704	336.780	336.633	336.597	---	---
1977	336.498	336.393	336.254	336.141	336.333	336.620	---	---	336.509	336.531	336.454	---	---
1978	---	---	---	335.729	335.778	336.006	336.167	336.365	336.537	336.503	336.494	336.481	---
1979	336.453	336.369	336.208	336.057	335.949	336.041	336.191	336.395	336.455	336.445	336.413	336.406	336.281
1980	---	---	---	---	---	---	---	---	335.832	335.869	---	---	---
1981	---	335.541	335.408	335.289	335.310	335.447	335.547	335.550	335.437	335.243	---	---	---
1982	---	---	---	---	---	---	---	---	335.316	---	335.202	---	---
1983	---	334.861	334.735	---	334.599	334.837	---	---	335.543	335.714	335.710	---	---
1984	---	---	---	---	---	---	335.425	335.449	335.428	335.359	335.286	335.211	---
1985	335.091	334.957	334.854	334.795	335.021	335.333	335.577	335.711	335.759	335.792	---	---	---
1986	---	---	---	---	---	---	336.097	---	---	336.528	336.460	336.394	---
1987	336.306	336.191	---	---	---	---	---	---	---	---	335.905	335.723	---
1988	---	---	---	---	335.084	335.255	---	---	---	---	---	335.149	---
1990	---	---	---	---	---	---	335.507	---	335.481	335.454	335.461	335.454	---
MEAN	336.196	335.864	335.725	335.774	335.695	335.879	335.982	336.151	336.090	336.113	336.107	335.983	336.368

WATER LEVELS REFERRED TO SASKATCHEWAN DEPARTMENT OF NATURAL RESOURCES DATUM

LOCATION - LAT 57 52 50 N DRAINAGE AREA, 62 600 km²
LONG 101 40 00 W REGULATED SINCE 1930

REINDEER LAKE AT BROCHET - STATION NO. 06DB001

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	---	---	1970
1971	336.728 AT 2047 CST ON OCT 29	336.667 ON OCT 29	---	1971
1972	336.716 AT 1038 CST ON SEP 03	336.578 ON SEP 03	---	1972
1973	336.533 AT 2200 CST ON OCT 27	336.463 ON DEC 24	---	1973
1974	336.688 AT 0905 CST ON AUG 24	336.609 ON DEC 28	335.826 ON MAY 10 336.265 ON APR 26	1974
1975	336.743 AT 1935 CST ON AUG 30	336.685 ON AUG 30	---	1975
1976	336.883 AT 1130 CST ON SEP 15 *	336.847 ON SEP 03 *	---	1976
1977	---	---	---	1977
1978	336.655 AT 1324 CST ON NOV 01	336.555 ON SEP 05	335.664A ON APR 29	1978
1979	336.549 AT 0005 CST ON OCT 02	336.510 ON SEP 22	335.924 ON MAY 17	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	335.816 AT 0720 CST ON OCT 29	335.779 ON NOV 03	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	336.702 AT 2025 CST ON OCT 05	336.583 ON OCT 09	334.759 ON APR 20 *	1986
1987	---	---	---	1987
1988	---	---	335.647 ON DEC 31 335.020 ON APR 29	1988
1990	---	---	---	1990

WATER LEVELS REFERRED TO SASKATCHEWAN DEPARTMENT OF NATURAL RESOURCES DATUM

 A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCK LAKE NEAR GLENORA - STATION NO. 050B027

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	405.234	405.281	405.301	405.225	405.075	404.916	404.798	404.747	404.730	404.739	---	1988
1989	---	---	---	---	---	405.314	---	405.091	405.017	404.962	404.938	---	---	1989
1990	---	404.961	405.009	405.371	405.452	---	---	---	405.246	405.190	405.150	405.158	---	1990
MEAN	---	404.961	405.122	405.326	405.376	405.270	405.075	405.004	405.020	404.966	404.939	404.949	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

 LOCATION - LAT 49 12 40 N DRAINAGE AREA, 3 630 km²
LONG 099 08 45 W REGULATED

REMARKS - 1949-1987 PUBLISHED AS 050B004

ROCK LAKE NEAR GLENORA - STATION NO. 050B027

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	405.347 AT 1635 CST ON MAY 14	405.329 ON MAY 15	404.712 ON OCT 25 *	1988
1989	405.614 AT 1130 CST ON APR 16 *	405.612 ON APR 17 *	404.803 ON FEB 02	1989
1990	---	405.470 ON MAY 17	404.938 ON JAN 20	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCK LAKE NEAR GLENORA - STATION NO. 050B804

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	405.711	---	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	404.687	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	406.533R	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	406.297	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	404.914	404.905	404.916	404.967	405.019	405.065	405.085	405.059	405.030	405.014	404.999	405.047	405.002	1977
1978	405.089	405.100	405.107	405.504	405.227	405.066	405.038	404.958	404.912	404.856	404.827	404.854	405.044	1978
1979	404.890	404.904	404.930	405.696	---	405.404	405.051	404.964	404.918	404.915	---	404.920	---	1979
1980	404.950	404.988	405.006	405.122	405.078	404.975	404.929	404.875	404.953	405.013	---	405.190	---	1980
1981	405.220	---	---	---	---	405.204	405.250	405.242	405.286	405.286	---	405.324	---	1981
1982	405.355	405.369	405.388	406.003	405.628	405.439	405.195	405.081	404.999	405.084	---	---	---	1982
1983	405.275	---	---	---	405.394	405.126	405.063	404.919	404.845	404.841	404.839	404.878	---	1983
1984	404.886	---	404.939	---	---	405.130	404.994	404.858	404.768	404.787	---	---	---	1984
1985	404.902	404.920	---	405.530	405.169	405.085	405.084	405.112	405.077	405.083	---	---	---	1985
1986	405.212	405.243	405.397	---	---	405.284	---	405.158	405.072	405.080	---	---	---	1986
1987	405.321	405.364	405.476	406.510	405.538	405.175	405.066	405.223	405.305	405.164	405.155	405.172	405.371	1987
MEAN	405.092	405.099	405.145	405.733	405.419	405.178	405.133	405.041	405.015	404.984	404.955	405.055	405.139	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 12 40 N DRAINAGE AREA 3 630 km²
LONG 099 08 45 W REGULATED SINCE 1941DATA CONTRIBUTED BY - R - REVISED SINCE JAN 01 1988
MANITOBA WATER RESOURCES BRANCH

ROCK LAKE NEAR GLENORA - STATION NO. 050B804

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1954	---	405.981 ON JUN 22	---	1954
1955	---	406.582 ON APR 09	404.509 ON OCT 12	1955
1956	---	407.371 ON APR 24	404.595 ON JAN 03	1956
1957	---	405.134 ON AUG 24	404.518 ON DEC 31	1957
1958	---	---	404.433 ON OCT 04	1958
1959	---	404.982 ON OCT 31	404.497 ON JAN 02	1959
1960	---	407.457 ON APR 15	404.625 ON FEB 17	1960
1961	---	405.107 ON APR 08	404.369 ON NOV 19	1961
1962	---	---	404.384 ON JAN 02	1962
1963	---	405.198 ON JUN 14	404.671 ON JAN 03	1963
1964	---	405.558 ON APR 16	404.784 ON JAN 03	1964
1965	---	406.033 ON APR 21	404.805 ON APR 05	1965
1967	---	405.475 ON MAY 02	404.515 ON SEP 28	1967
1968	---	405.731 ON SEP 10	404.540 ON JAN 12	1968
1969	---	407.886 ON APR 14	---	1969
1970	---	406.695 ON MAY 03	404.872 ON OCT 24	1970
1971	---	407.048 ON APR 15	404.933 ON SEP 27	1971
1972	---	406.198 ON MAR 26	404.988 ON AUG 19	1972
1973	---	405.247 ON JUN 26	405.033 ON FEB 27	1973
1974	---	408.103 ON APR 22 *	---	1974
1975	---	407.033 ON MAY 03	---	1975
1976	---	407.569 ON APR 08	---	1976
1977	---	405.107 ON JUL 12	404.896E ON FEB 18	1977
1978	---	405.710 ON APR 14	404.814 ON NOV 10	1978
1979	---	407.686 ON APR 25	---	1979
1980	---	405.209 ON DEC 19	404.815 ON AUG 13	1980
1981	---	---	---	1981
1982	---	406.394 ON APR 20	404.968 ON SEP 22	1982
1983	---	---	404.812 ON NOV 14	1983
1984	---	---	---	1984
1985	---	405.902 ON MAR 28	---	1985
1986	---	---	---	1986
1987	---	407.056 ON APR 08	405.008 ON AUG 14	1987

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCKY LAKE NEAR WANLESS - STATION NO. 05KH006

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	261.605	261.544	261.464	261.397	261.342	261.334	---	---	---	1971
1972	---	---	---	---	261.426	261.421	261.408	261.364	261.284	---	---	---	---	1972
1973	---	---	---	---	---	261.365	261.401	261.326	261.269	---	---	---	---	1973
1974	---	---	---	---	261.505	261.695	261.656	261.564	261.533	261.506	---	---	---	1974
1975	---	---	---	---	261.512	261.609	---	261.562	261.502	261.460	261.418	---	---	1975
1976	---	---	---	---	261.354	261.318	261.361	261.337	261.259	261.222	---	---	---	1976
1977	---	---	---	---	261.248	261.216	261.191	261.203	261.220	261.219	261.285	---	---	1977
1978	---	---	---	---	---	261.397	---	261.290	261.257	261.273	---	---	---	1978
1979	---	---	---	---	---	261.614	261.502	261.372	261.360	261.351	---	---	---	1979
1980	---	---	---	---	261.311	261.265	261.220	261.159	261.148	261.194	---	---	---	1980
1981	---	---	---	---	261.322	261.315	261.297	261.217	261.100	261.122	---	---	---	1981
1982	---	---	---	---	261.401	261.393	261.307	261.205	261.099	261.094	---	---	---	1982
MEAN	---	---	---	---	261.409	261.429	261.381	261.333	261.281	261.278	261.352	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 10 14' N
LONG 101 23 40' W REGULATED

ROCKY LAKE NEAR WANLESS - STATION NO. 05KH006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	261.451 ON MAY 20	---	1972
1973	---	261.421 ON JUL 12	---	1973
1974	---	261.732 ON JUN 14	---	1974
1975	---	---	---	1975
1976	---	261.375 ON JUL 18	---	1976
1977	---	261.296 ON NOV 18	---	1977
1978	---	---	261.186 ON JUN 24 *	1978
1979	---	262.311A ON JUN 25 *	---	1979
1980	261.393 AT 1847 CST ON MAY 06	261.366 ON APR 26	---	1980
1981	261.382 AT 0336 CST ON JUL 09	261.361 ON JUL 09	---	1981
1982	261.431 AT 0650 CST ON MAY 26 *	261.422 ON JUN 06	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSEAU RIVER ABOVE DOMINION CITY DAM (P.R. 200) - STATION NO. 05OD802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	233.549	233.070	232.849	232.826	232.946	---	---	---	1986
1987	---	---	---	235.737	233.206	233.087	232.938	232.794	232.737	232.802	232.883	---	---	1987
1988	---	---	---	---	232.846	232.791	232.869	232.802	232.417	231.959	---	---	---	1988
1989	---	---	---	---	232.948	231.935	232.172	231.956	231.912	---	---	---	---	1989
1990	---	---	---	---	231.979	231.989	231.978	231.738	231.032	230.806	---	---	---	1990
MEAN	---	---	---	235.737	232.745	232.670	232.605	232.428	232.185	232.128	232.883	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 08 43' N DRAINAGE AREA, 5 710 km²
LONG 097 09 46' W REGULATED SINCE 1957DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - PRIOR TO 1988 PUBLISHED AS "NEAR DOMINION CITY"

ROSEAU RIVER ABOVE DOMINION CITY DAM (P.R. 200) - STATION NO. 05OD802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	237.872 ON APR 08 *	232.687 ON AUG 10	1987
1988	---	---	231.886 ON OCT 26 *	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUND LAKE AT FORESTRY DOCK - STATION NO. 05RD009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	2.184	1.829	---	---	---	---	---	1957
1958	---	---	---	---	---	1.134	1.494	1.494	---	---	---	---	---	1958
1962	---	---	---	---	---	---	1.956	1.563	---	---	---	---	---	1962
1963	---	---	---	---	---	2.401	2.281	1.708	---	---	---	---	---	1963
1965	---	---	---	---	---	2.062	2.318	1.850	1.587	1.548	1.560	1.425	---	1965
1966	---	---	---	0.898	1.342	2.269	---	2.202	1.618	---	0.908	---	---	1966
1967	---	---	---	---	---	2.162	2.447	1.782	1.207	---	0.698	0.600	---	1967
1968	---	0.545	0.502	0.640	0.942	1.875	2.515	2.509	2.321	2.336	2.226	---	---	1968
1969	1.677	1.363	1.081	1.141	1.377	2.123	2.222	2.466	---	---	---	2.240	---	1969
1970	---	---	---	0.899	1.041	1.279	1.892	1.639	1.386	1.214	1.309	---	---	1970
1971	---	---	---	---	---	---	1.856	1.659	---	---	1.121	---	---	1971
1972	---	---	---	0.983	1.602	2.244	1.841	1.389	1.064	0.992	1.000	---	---	1972
MEAN	1.677	0.954	0.791	0.912	1.261	1.917	2.091	1.841	1.531	1.523	1.260	1.422	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 01 20 N
LONG 096 23 20 W NATURAL FLOW

ROUND LAKE AT FORESTRY DOCK - STATION NO. 05RD009

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1957	---	---	---	1957
1958	---	1.530 ON JUL 18	---	1958
1962	---	2.057 ON JUL 08	---	1962
1963	---	2.521 ON JUN 22	---	1963
1965	---	2.469 ON JUL 03	---	1965
1966	---	---	---	1966
1967	---	2.719A ON JUL 02 *	---	1967
1968	---	2.606 ON JUL 24	0.454 ON APR 06 *	1968
1969	---	---	0.899 ON APR 07	1969
1970	2.027 AT 0746 CST ON JAN 01	2.006 ON JAN 01	0.823 ON APR 13	1970
1971	---	---	---	1971
1972	2.356 AT 1523 CST ON JUN 13 *	2.344 ON JUN 14	---	1972

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUND LAKE AT OUTLET - STATION NO. 05RD011

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	1.768	1.787	1.444	1.243	1.351	---	---	---	1973
1974	---	1.233	1.055	1.053	1.758	2.722	2.534	1.823	1.661	2.000	1.805	1.431	---	1974
1975	1.171	1.005	0.852	0.854	1.213	2.018	2.305	2.119	1.966	1.787	1.454	1.125	1.492	1975
1976	0.955	0.849	0.741	1.065	1.309	1.514	1.340	0.952	0.636	0.427	0.294	0.210	0.858	1976
1977	---	---	---	0.293	0.350	0.744	1.071	---	1.714	2.173	1.911	---	---	1977
1978	---	---	---	0.877	1.147	1.613	2.042	2.284	2.254	2.212	1.852	1.558	---	1978
1979	1.348	1.123	0.924	1.024	1.842	3.022	2.332	1.643	1.470	1.358	1.395	1.438	1.579	1979
1980	1.349	1.187	0.989	0.926	1.092	1.482	1.475	1.150	1.145	0.964	0.875	0.975	1.134	1980
1981	0.981	0.826	0.671	0.731	0.835	1.133	1.673	1.583	1.315	1.164	1.242	1.185	1.131	1981
1982	1.349	1.158	---	---	---	---	---	1.928	1.491	1.278	1.009	0.928	---	1982
1983	---	---	---	---	---	---	1.761	1.797	1.421	1.031	0.759	0.652	---	1983
1984	0.695	0.719	0.653	0.752	1.070	1.699	1.962	1.631	1.230	1.061	1.122	1.324	1.162	1984
1985	---	---	---	---	---	---	2.256	2.446	2.134	2.044	1.831	---	---	1985
1986	1.384	1.113	0.906	1.185	1.966	2.540	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	0.979	0.688	0.555	0.458	---	1987
1988	---	---	---	---	---	0.983	1.196	0.900	0.661	0.542	0.427	---	---	1988
1989	---	0.590	0.551	0.496	0.624	1.098	1.700	1.641	1.384	1.145	---	---	---	1989
1990	---	0.747	0.734	0.962	1.782	---	---	---	1.197	0.825	0.612	0.560	---	1990
MEAN	1.154	0.959	0.808	0.852	1.249	1.718	1.817	1.667	1.406	1.297	1.143	1.004	1.226	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 01 40 N
LONG 096 23 20 W NATURAL FLOW

ROUND LAKE AT OUTLET - STATION NO. 05RD011

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1973	1.990 AT 1630 CST ON JUN 25	1.987 ON JUN 25	---	1973
1974	3.027 AT 1130 CST ON JUN 25	3.021 ON JUN 25	0.860 ON APR 15	1974
1975	2.390 AT 1214 CST ON JUN 30	2.384 ON JUN 30	---	1975
1976	1.588 AT 2110 CST ON JUN 27	1.585 ON JUN 28	0.750 ON APR 12	1976
1977	2.119 AT 1139 CST ON OCT 17	2.216 ON OCT 14	0.192 ON DEC 30 *	1977
1978	3.329 AT 0042 CST ON AUG 08	2.323 ON AUG 07	---	1978
1979	3.144 AT 2154 CST ON JUN 14 *	3.138 ON JUN 14 *	0.805 ON APR 13	1979
1980	1.591 AT 1447 CST ON JUN 22	1.590 ON JUN 22	0.822 ON APR 13	1980
1981	1.741 AT 2144 CST ON JUL 30	1.739 ON JUL 31	0.620 ON MAR 25	1981
1982	---	---	---	1982
1983	1.898 AT 1742 CST ON JUN 27	1.895 ON JUL 02	---	1983
1984	2.013 AT 0408 CST ON JUL 22	1.993 ON JUL 22	0.605 ON APR 02	1984
1985	2.540 AT 1319 CST ON AUG 06	2.532 ON AUG 06	0.849 ON APR 01	1985
1986	2.702 AT 1832 CST ON JUN 11	2.694 ON JUN 11	---	1986
1987	---	---	0.434A ON DEC 26	1987
1988	1.251 AT 1146 CST ON JUL 19	1.245 ON JUL 15	---	1988
1989	1.756 AT 2359 CST ON JUL 17	1.752 ON JUL 17	0.456 ON APR 19	1989
1990	---	---	0.542 ON DEC 21	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RUSSELL LAKE NEAR HERRIOT - STATION NO. 06EB006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	324.260	324.098	324.053	324.219	324.279	324.244	324.199	324.504 324.266	324.710 324.228	324.238	324.158	---	1984
1986	---	---	---	---	---	---	324.284	324.657	---	---	324.246	324.074	---	1986
1987	323.901	323.755	323.627	323.582	323.903	324.102	324.067	323.984	323.888	323.723	323.577	323.445	323.797	1987
1988	323.137	323.244	323.137	323.065	323.273	323.507	323.621	323.676	323.810	323.907	323.885	323.747	323.518	1988
1989	323.592	323.469	323.341	323.231	323.485	323.862	324.148	324.139	324.100	323.951	323.846	323.744	323.744	1989
1990	323.643	323.537	323.433	323.327	323.405	323.513	323.540	323.470	323.367	323.287	323.228	323.184	323.411	1990
MEAN	323.618	323.653	323.527	323.452	323.657	323.853	323.984	324.021	323.989	323.968	323.837	323.725	323.618	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

LOCATION - LAT 56 20 24 N DRAINAGE AREA, 1 080 km²
LONG 101 21 46 W REGULATED

RUSSELL LAKE NEAR HERRIOT - STATION NO. 06EB006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	323.998 ON APR 07	1984
1986	---	---	---	1986
1987	324.196 AT 1600 CST ON JUN 13	324.137 ON JUN 13	---	1987
1988	323.942 AT 0205 CST ON NOV 02	323.929 ON NOV 01	323.389 ON DEC 31	1988
1989	324.219 AT 1143 CST ON JUL 23 *	324.184 ON JUL 23 *	323.032 ON APR 29 *	1989
1990	323.689 AT 0001 CST ON JAN 01	323.689 ON JAN 01	323.190 ON APR 21	1990
			323.147 ON DEC 31	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RUSSELL RESERVOIR NEAR RUSSELL - STATION NO. 05ME803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	550.513	550.430	550.472	550.429	550.326	550.323	---	---	---	1986
1987	---	---	---	550.565	550.401	550.320	550.257	550.190	550.107	550.075	---	---	---	1987
1988	---	---	---	---	550.386	550.217	550.068	549.959	549.900	---	---	---	---	1988
1989	---	---	---	---	550.371	550.347	550.273	550.137	550.084	550.015	---	---	---	1989
1990	---	---	---	---	550.501	550.482	550.488	550.416	550.363	550.292	---	---	---	1990
MEAN	---	---	---	550.565	550.447	550.393	550.341	550.248	550.168	550.121	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 47 50 N DRAINAGE AREA, 95.1 km²
LONG 101 19 56 W REGULATED SINCE 1964DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

RUSSELL RESERVOIR NEAR RUSSELL - STATION NO. 05ME803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	550.895 ON APR 08 *	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SASAGINNIGAK LAKE AT FORESTRY TOWER - STATION NO. 05RB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	0.974	0.870	---	---	---	---	---	1962
1964	---	---	---	---	---	1.152	0.978	0.916	0.915	---	---	---	---	1964
1966	---	---	---	---	---	---	---	---	0.754	---	---	---	---	1966
1967	---	---	---	---	---	1.283	1.284	0.801	---	---	---	---	---	1967
1968	---	---	---	---	---	1.130	1.048	1.147	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	1.209	1.119	0.942	---	---	---	---	---	1970
1972	---	---	---	---	---	---	---	---	0.729	---	---	---	---	1972
1973	---	---	---	---	---	1.066	1.103	0.975	1.115	---	---	---	---	1973
1974	---	---	---	---	---	---	0.979	0.867	---	1.091	---	---	---	1974
1975	---	---	---	---	1.228	1.232	1.081	0.991	0.993	0.908	---	---	---	1975
1976	---	---	---	---	0.730	0.776	0.845	1.027	---	0.530	---	---	---	1976
1977	---	---	---	---	1.196	---	---	---	1.117	1.108	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
MEAN	---	---	---	---	1.051	1.121	1.026	0.927	0.923	0.909	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 51 36 00 N
LONG 095 39 00 W NATURAL FLOW

SASAGINNIGAK LAKE AT FORESTRY TOWER - STATION NO. 05RB001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1964	---	---	---	1964
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	1.283 AT 2205 CST ON MAY 19 *	1.280 ON MAY 21 *	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHIST LAKE NEAR CHANNING - STATION NO. 05KG004

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	291.751	---	291.793	---	---	---	1950
1951	---	---	---	---	---	291.951	---	291.964	---	---	---	---	---	1951
1952	---	---	---	---	---	291.856	291.903	291.827	291.737	---	---	---	---	1952
1953	---	---	---	---	291.740	291.694	291.852	291.874	291.842	291.776	---	---	---	1953
1954	---	---	---	---	291.644	291.901	---	291.975	---	---	---	---	---	1954
1955	---	---	---	---	---	292.193	292.218	292.106	291.922	---	---	---	---	1955
1956	---	---	---	---	---	291.843	291.938	292.010	291.894	---	---	---	---	1956
1957	---	---	---	---	291.826	291.914	291.853	291.831	291.756	291.628	291.543	---	---	1957
1958	---	---	---	---	291.837	291.756	291.789	291.772	291.757	---	---	---	---	1958
1959	---	---	---	---	---	292.050	292.030	291.945	291.856	291.778	---	---	---	1959
1960	---	---	---	---	291.861	292.067	291.972	291.861	291.742	291.640	---	---	---	1960
1961	---	---	---	---	291.807	291.818	291.764	291.694	291.609	291.587	---	---	---	1961
1962	---	---	---	---	292.148	292.082	291.979	291.870	291.788	291.692	---	---	---	1962
1963	---	---	---	---	---	292.082	292.129	292.019	291.914	291.810	---	---	---	1963
1964	---	---	---	---	---	291.792	291.796	291.942	---	292.136	---	---	---	1964
1965	---	---	---	---	292.126	---	292.220	292.185	292.061	---	---	---	---	1965
1966	---	---	---	---	---	---	292.409	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	291.741	291.749	291.753	---	---	---	1967
1968	---	---	---	---	---	---	291.782	---	---	291.962	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	291.934	292.322	292.173	291.959	291.782	---	---	---	1970
1971	---	---	---	---	291.932	291.854	291.813	291.787	---	291.853	291.866	291.865	---	1971
1972	291.879	291.829	291.788	---	292.071	---	292.092	292.042	---	---	---	---	---	1972
1973	---	---	---	---	---	---	292.010	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1977	---	---	---	---	291.810	291.924	292.021	292.039	291.995	291.890	291.923	---	---	1977
1980	---	---	---	---	291.806	291.782	291.779	291.750	291.848	291.910	---	---	---	1980
1981	---	---	---	---	291.921	291.887	291.848	291.851	291.848	291.883	---	---	---	1981
1982	---	---	---	---	292.076	292.025	291.958	291.915	291.837	291.771	---	---	---	1982
1983	---	---	---	---	291.990	292.080	292.129	292.063	292.030	291.940	---	---	---	1983
1984	---	---	---	---	291.895	291.995	291.998	291.937	291.916	291.889	---	---	---	1984
1985	---	---	---	---	292.177	292.237	292.261	292.183	292.046	291.824	---	---	---	1985
1986	---	---	---	---	291.985	292.063	292.038	292.107	291.917	291.814	---	---	---	1986
1987	---	---	---	291.880	291.902	291.918	291.893	291.857	291.799	291.736	---	---	---	1987
1988	---	---	---	---	291.846	291.845	291.836	291.782	291.744	291.678	---	---	---	1988
1989	---	---	---	---	291.671	291.683	291.737	291.665	291.665	291.618	---	---	---	1989
1990	---	---	---	---	291.945	291.946	291.934	291.794	291.686	291.641	---	---	---	1990
MEAN	291.879	291.829	291.788	291.880	291.910	291.935	291.978	291.916	291.843	291.791	291.777	291.865	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1938 ADJ.)

LOCATION - LAT 54 45 20 N DRAINAGE AREA, 411 km²
LONG 101 49 30 W

SCHIST LAKE NEAR CHANNING - STATION NO. 05KG004

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	291.937 ON JUL 02	---	1952
1953	---	291.883 ON AUG 12	---	1953
1954	---	292.114 ON SEP 18	---	1954
1955	---	---	---	1955
1956	---	292.050 ON AUG 08	---	1956
1957	---	291.950 ON MAY 31	---	1957
1958	---	291.870 ON MAY 15	---	1958
1959	---	292.075 ON JUN 14	---	1959
1960	---	292.087 ON JUN 11	---	1960
1961	---	291.867 ON MAY 24	---	1961
1962	---	292.242 ON JUL 12	---	1962
1963	---	292.145 ON JUL 12	---	1963
1964	---	---	---	1964
1965	---	292.306 ON JUN 07	---	1965
1966	---	292.498 ON JUL 27 *	291.691 ON MAR 12	1966
1967	---	292.014 ON JUL 24	---	1967
1968	---	291.837 ON JUL 28	291.630 ON JAN 06	1968
1969	---	292.038 ON APR 28	291.733 ON AUG 03	1969
1970	---	292.392 ON JUL 09	291.745 ON APR 03	1970
1971	---	291.950 ON MAY 05	291.694 ON SEP 25	1971
1972	---	292.111 ON JUL 09	291.752 ON APR 07	1972
1973	---	292.321 ON JUN 21	---	1973
1974	---	292.105 ON MAY 08	291.700 ON JAN 02	1974
1975	---	292.273 ON JUN 26	291.691 ON APR 04	1975
1977	---	292.081 ON JUL 17	291.633 ON APR 04	1977
1980	291.928 AT 1616 CST ON SEP 25	291.924 ON SEP 25	---	1980
1981	291.942 AT 2237 CST ON MAY 22	291.943 ON MAY 17	---	1981
1982	292.112 AT 1913 CST ON MAY 22	292.107 ON MAY 22	---	1982
1983	292.168 AT 1503 CST ON JUL 25	292.160 ON JUL 25	---	1983
1984	292.056 AT 1546 CST ON JUN 29	292.050 ON JUN 29	---	1984
1985	292.323 AT 2120 CST ON JUL 02 *	292.321 ON JUL 02	---	1985
1986	292.164 AT 2059 CST ON AUG 14	292.157 ON AUG 12	---	1986
1987	291.960 AT 1843 CST ON JUN 10	291.945 ON JUN 10	---	1987
1988	291.867 AT 1502 CST ON JUN 08	291.858 ON JUN 10	---	1988
1989	291.764 AT 0609 CST ON JUL 04	291.759 ON JUL 04	---	1989
1990	291.989 AT 1246 CST ON JUL 10	291.985 ON JUL 10	291.604 ON OCT 27 *	1990
			291.625 ON OCT 10	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1938 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEINE RIVER AT STE. ANNE - STATION NO. 050H802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD														
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	249.055	248.951	248.947	248.929	249.091	249.228	---	---	---	1987
1988	---	---	---	---	249.145	248.958	248.951	248.822	248.722	---	---	---	---	1988
1989	---	---	---	---	249.020	248.999	248.919	---	248.757	---	---	---	---	1989
1990	---	---	---	---	249.014	---	248.953	248.759	248.728	---	---	---	---	1990
MEAN	---	---	---	---	249.059	248.969	248.943	248.837	248.825	249.228	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 39 51 N DRAINAGE AREA, 693 km²
LONG 096 38 56 W REGULATED SINCE 1962DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

SEINE RIVER AT STE. ANNE - STATION NO. 050H802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD													
YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL				MAXIMUM DAILY WATER LEVEL				MINIMUM DAILY WATER LEVEL				YEAR
1987	---	---	---	---	---	---	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	---	---	---	---	---	---	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHARPE LAKE NEAR DELORAINÉ - STATION NO. 05NF805

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD														
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	657.645	657.592	657.547	657.434	657.368	657.361	---	---	---	1983
1984	---	---	---	---	657.550	657.490	657.370	---	657.122	---	---	---	---	1984
1985	---	---	---	---	657.421	657.406	657.387	657.320	657.306	657.317	---	---	---	1985
1986	---	---	---	---	657.630	657.643	657.601	657.538	657.448	657.463	---	---	---	1986
1987	---	---	---	---	657.538	657.460	657.408	657.399	657.331	657.270	---	---	---	1987
1988	---	---	---	657.278	657.265	657.152	657.036	656.902	656.796	656.716	---	---	---	1988
1989	---	---	---	---	---	656.870	656.819	656.679	656.598	656.538	---	---	---	1989
1990	---	---	---	---	656.665	656.662	656.656	656.566	656.520	656.458	---	---	---	1990
MEAN	---	---	---	657.278	657.388	657.284	657.228	657.120	657.061	657.018	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 02 42 N DRAINAGE AREA, 19.9 km²
LONG 100 19 39 W REGULATED SINCE 1959DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - DATA PRIOR TO 1983 MAY BE OBTAINED FROM THE MANITOBA WATER RESOURCES BRANCH

SHARPE LAKE NEAR DELORAINÉ - STATION NO. 05NF805

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD													
YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL				MAXIMUM DAILY WATER LEVEL				MINIMUM DAILY WATER LEVEL				YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	---	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	---	657.629 ON APR 14 *	---	---	---	---	---	1987
1988	---	---	---	---	---	---	657.300 ON APR 07	---	---	---	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	---	---	---	656.703 ON JUN 20	---	---	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHOAL LAKE AT INDIAN BAY - STATION NO. 05PD004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD														
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 37 20 N DRAINAGE AREA, 969 km²
LONG 095 12 30 W REGULATEDDATA CONTRIBUTED BY -
GREATER WINNIPEG WATER DISTRICT

REMARKS - A HYDROGRAPH RECORD FOR THE PERIOD 1941-77 IS ON FILE IN THE WINNIPEG OFFICE, WATER RESOURCES BRANCH, DOE

SHOAL LAKE AT INDIAN BAY - STATION NO. 05PD004

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	323.106 ON JUL 06 *	322.500 ON DEC 28	1979
1980	---	322.503 ON JAN 11	322.116 ON OCT 31	1980
1981	---	322.552 ON DEC 31	321.960 ON APR 17 *	1981

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHOAL LAKE AT SHOAL LAKE - STATION NO. 05MG007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	546.290	---	---	546.194	546.191	546.158	---	---	---	1963
1964	---	---	---	---	546.637	546.540	---	546.496	---	---	---	---	---	1964
1965	---	---	---	---	546.578	546.557	546.452	546.359	---	546.202	---	---	---	1965
1966	---	---	---	---	---	546.792	546.727	546.625	---	---	---	---	---	1966
1967	---	---	---	---	547.356	---	547.117	547.023	---	---	---	---	---	1967
1968	---	---	---	---	547.019	546.919	546.830	546.827	546.814	546.765	---	---	---	1968
1969	---	---	---	---	547.184	---	547.122	---	547.024	---	---	---	---	1969
1970	---	---	---	---	547.314	547.161	547.081	546.913	546.886	546.976	---	---	---	1970
1971	---	---	---	---	547.240	547.318	547.225	547.107	547.013	547.005	---	---	---	1971
1972	---	---	---	---	547.393	547.135	546.990	546.954	546.873	---	---	---	---	1972
1973	---	---	---	546.835	---	546.753	546.644	---	546.523	546.523	---	---	---	1973
1974	---	---	---	---	547.304	547.196	547.056	546.951	546.894	546.836	---	---	---	1974
1975	---	---	---	---	547.271	547.184	547.091	547.082	547.159	---	---	---	---	1975
1976	---	---	---	---	547.506	547.409	547.152	547.081	547.025	547.188	---	---	---	1976
1977	---	---	---	---	546.900	546.893	546.841	546.796	546.710	---	---	---	---	1977
1978	---	---	---	---	546.743	546.801	546.733	546.662	546.564	546.509	546.469	---	---	1978
1979	---	---	---	---	---	547.555	547.390	547.148	547.003	546.921	546.861	---	---	1979
1980	---	---	---	---	546.878	546.776	546.743	546.771	546.756	546.728	---	---	---	1980
1981	---	---	---	---	546.720	546.667	546.616	546.541	546.473	546.479	---	---	---	1981
1982	---	---	---	---	546.599	546.545	546.517	---	---	---	---	---	---	1982
1983	---	---	---	---	547.064	547.058	547.032	546.913	546.803	546.768	---	---	---	1983
1984	---	---	---	---	546.755	546.693	546.616	546.497	546.404	---	---	---	---	1984
1985	---	---	---	---	546.617	546.608	546.541	546.569	---	---	---	---	---	1985
1986	---	---	---	---	---	547.246	547.200	547.181	547.113	547.090	---	---	---	1986
1987	---	---	---	547.415	547.202	547.158	547.117	547.075	547.008	546.964	---	---	---	1987
1988	---	---	---	---	547.086	546.985	546.849	546.750	546.713	546.678	---	---	---	1988
1989	---	---	---	---	546.705	546.848	546.622	---	546.488	546.423	---	---	---	1989
1990	---	---	---	---	547.084	547.088	547.112	547.033	546.957	546.898	---	---	---	1990
MEAN	---	---	---	547.080	546.998	546.926	546.884	546.799	546.781	546.719	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1979 ADJ.)

LOCATION - LAT 50 26 02 N DRAINAGE AREA, 405 km²
LONG 100 35 55 W

REMARKS - RECORDS FOR 1981 OBTAINED AT LAT. 50 22 20, LONG. 100 37 50, 7.2 KM SOUTH OF SHOAL LAKE

SHOAL LAKE AT SHOAL LAKE - STATION NO. 05MG007

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	546.336 ON JUN 14	---	1963
1964	---	546.695 ON MAY 10	---	1964
1965	---	546.613 ON MAY 17	---	1965
1966	---	546.808 ON MAY 20	---	1966
1967	---	547.470 ON MAY 05	---	1967
1968	---	547.095 ON APR 13	---	1968
1969	---	547.220 ON APR 14	---	1969
1970	---	547.357 ON MAY 02	---	1970
1971	---	547.537 ON JUN 16	---	1971
1972	---	547.494 ON MAY 03	---	1972
1973	---	546.976 ON JUN 02	546.488 ON SEP 18	1973
1974	---	547.360 ON MAY 06	---	1974
1975	---	547.335 ON MAY 09	---	1975
1976	---	547.793 ON APR 19 *	---	1976
1977	---	546.942 ON APR 01	546.619 ON OCT 26	1977
1978	---	---	---	1978
1979	---	547.619 ON MAY 16	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	546.615 ON MAY 24	---	1982
1983	---	547.114 ON MAY 23	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1988	547.145 AT 1331 CST ON MAY 17 *	547.571A ON APR 15	546.953 ON OCT 20	1988
1989	546.756 AT 1319 CST ON MAY 11	547.115 ON MAY 17	---	1989
1990	547.143 AT 1200 CST ON JUL 13	546.734 ON MAY 11	546.395 ON OCT 26 *	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1979 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIMONHOUSE LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1981	---	---	---	---	---	295.371	295.332	295.253	295.170	295.160	---	---	---	1981
1982	---	---	---	---	---	295.522	295.456	295.416	295.356	295.328	---	---	---	1982
MEAN	---	---	---	---	---	295.447	295.394	295.335	295.263	295.244	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 31 30 N
LONG 101 07 33 W

SIMONHOUSE LAKE NEAR CRANBERRY PORTAGE - STATION NO. 05TA002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	295.953 ON JUN 28 *	---	1979
1981	---	---	295.118 ON OCT 08 *	1981
1982	295.550 AT 1645 CST ON JUN 23 *	295.535 ON JUN 07	---	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIPIWESK LAKE AT CROSS PORTAGE - STATION NO. 05UD005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	184.386	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	184.560	184.409	---	---	---	1961
1962	---	---	---	---	---	184.328	184.450	---	---	---	---	---	---	1962
MEAN	---	---	---	---	---	184.358	184.450	---	184.560	184.409	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 55 13 15 N
LONG 097 18 12 W REGULATED

SIPIWESK LAKE AT CROSS PORTAGE - STATION NO. 05UD005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SIPIWESK LAKE AT FORESTRY DOCK - STATION NO. 05UD006

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	0.790	---	---	---	---	---	1962
1963	---	---	---	---	---	1.629	1.722	1.593	---	---	---	---	---	1963
1964	---	---	---	---	---	1.590	1.652	---	---	---	---	---	---	1964
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM														
1965	---	---	---	---	---	---	186.760	186.702	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	186.801	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	186.292	---	185.842	---	---	1967
1968	---	---	---	---	---	---	---	---	185.973	186.014	186.038	---	---	1968
1969	184.670	184.906	185.201	185.257	185.739	185.918	185.972	185.895	186.917	186.852	186.869	185.917	---	1969
1970	---	---	---	186.658	186.845	187.112	187.415	187.227	186.890	186.537	186.717	186.630	---	1970
1971	---	---	---	186.591	186.898	187.071	186.972	186.652	186.445	186.230	186.152	---	---	1971
1972	---	---	---	186.388	186.676	187.078	186.975	186.615	186.339	186.113	186.036	---	---	1972
1973	---	---	---	---	---	---	185.530	185.461	185.387	185.487	185.923	185.989	---	1973
1974	185.940	186.016	186.129	186.202	186.676	187.473	187.884	187.854	187.491	187.225	187.028	186.875	186.905	1974
1975	186.535	186.436	186.629	186.676	186.892	187.270	186.886	186.672	186.626	187.011	187.263	---	---	1975
1976	---	---	186.262	186.260	186.602	186.822	186.567	185.749	185.414	185.695	---	---	---	1976
1977	---	185.578	---	---	---	184.675	184.704	184.841	184.688	184.620	185.546	185.894	---	1977
1978	---	---	---	---	---	185.092	184.880	184.943	185.066	185.916	186.357	---	---	1978
1979	---	---	---	---	---	187.979	188.094	186.664	185.215	185.363	186.440	---	---	1979
1980	---	186.376	186.226	185.908	185.149	184.954	---	---	184.977	185.177	---	---	---	1980
1981	---	---	185.183	184.155	184.635	184.907	184.580	184.670	184.909	185.230	186.368	---	---	1981
1982	---	---	---	---	185.633	185.125	184.706	---	---	185.226	186.529	186.583	---	1982
1983	186.430	186.205	185.945	185.400	184.885	185.464	185.264	185.478	---	185.509	186.440	186.542	---	1983
1984	186.234	186.067	185.395	184.818	185.296	185.180	185.015	185.308	185.415	185.384	185.775	186.214	185.508	1984
1985	186.197	185.715	185.694	185.828	185.571	185.402	185.565	185.434	185.386	185.359	---	---	---	1985
1986	---	186.930	186.347	186.574	187.590	187.940	186.839	---	---	185.577	186.239	186.604	---	1986
1987	186.452	186.346	186.267	185.963	185.445	185.055	185.017	184.986	184.957	185.116	185.632	185.712	185.575	1987
1988	185.524	185.615	185.437	185.101	185.121	184.880	184.757	184.718	184.727	184.806	---	---	---	1988
1989	185.285	185.213	185.151	185.110	185.008	184.862	---	---	---	---	185.649	185.829	---	1989
1990	185.828	185.643	185.453	185.285	185.250	185.058	184.968	184.962	184.715	185.441	186.029	186.042	185.389	1990

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

 LOCATION - LAT 55 05 40 N LONG 097 33 00 W DRAINAGE AREA, 1 000 000 km² REGULATED

REMARKS - WATER LEVELS AFFECTED BY OPERATION OF KELSEY GENERATING STATION.

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

SIPIWESK LAKE AT FORESTRY DOCK - STATION NO. 05UD006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM				
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	186.147 ON DEC 01	---	1969
1970	---	187.101 ON NOV 29	184.434 ON JAN 13	1970
1971	187.095R AT 1546 CST ON JUN 07	187.464 ON JUL 14	---	1971
1972	---	187.092 ON JUN 07	---	1972
1973	---	187.165 ON JUN 19	---	1973
1974	187.982R AT 1500 CST ON JUL 27	187.961 ON JUL 27	185.888 ON JAN 21	1974
1975	187.354R AT 1630 CST ON NOV 06	187.330 ON NOV 06	---	1975
1976	187.156R AT 1300 CST ON JAN 02	187.150 ON JAN 02	---	1976
1977	185.952R AT 1545 CST ON DEC 22	185.946 ON DEC 22	---	1977
1978	---	---	---	1978
1979	188.192R AT 1220 CST ON JUL 16	188.186 ON JUL 14	---	1979
1980	186.435R AT 1420 CST ON FEB 22	186.425 ON FEB 22	---	1980
1981	186.635R AT 2000 CST ON NOV 28	186.633 ON NOV 27	---	1981
1982	186.759R AT 1345 CST ON DEC 03	186.757 ON DEC 04	184.088 ON APR 20	1982
1983	---	186.606 ON DEC 13	---	1983
1984	186.390R AT 0001 CST ON JAN 01	186.385 ON JAN 01	184.546 ON MAY 17	1984
1985	---	---	184.706 ON APR 10	1985
1986	188.118 AT 1425 CST ON JUN 02	---	---	1986
1987	186.582 AT 0001 CST ON JAN 01	---	---	1987
1988	185.706 AT 1057 CST ON FEB 01	186.573 ON JAN 01	184.852 ON SEP 30	1988
1989	185.904 AT 2047 CST ON DEC 30	185.704 ON FEB 01	184.662 ON AUG 21	1989
1990	186.221 AT 1336 CST ON NOV 22	186.218 ON NOV 23	---	1990

ABOVE WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. HYDRO EXT.)

R - REVISED SINCE JAN 01 1988

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

SIPIWESK LAKE AT SIPIWESK LANDING - STATION NO. 05UD007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	187.075	185.960	185.869	185.783	186.483	186.840	---	1986
1987	186.686	186.591	186.515	186.195	185.652	---	185.218	185.171	185.154	185.317	185.844	185.933	---	1987
1988	185.848	185.837	185.657	185.305	185.337	185.093	---	184.902	---	185.005	185.389	---	---	1988
1989	---	185.415	---	---	---	---	---	184.757	184.967	185.748	185.897	186.076	---	1989
1990	186.069	185.876	185.677	185.501	185.464	185.241	185.130	185.139	184.966	185.684	186.260	186.267	185.605	1990
MEAN	186.201	185.930	185.950	185.667	185.484	185.167	185.808	185.186	185.239	185.507	185.975	186.279	185.605	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)

LOCATION - LAT 54 53 00 N DRAINAGE AREA, 1 000 000 km²
LONG 098 22 00 W REGULATED

SIPIWESK LAKE AT SIPIWESK LANDING - STATION NO. 05UD007

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	186.816 AT 1545 CST ON JAN 01 *	186.809 ON JAN 01 *	185.033 ON SEP 29	1987
1988	185.934 AT 0540 CST ON JAN 31	185.929 ON FEB 02	184.850 ON SEP 30	1988
1989	186.152 AT 2110 CST ON DEC 31	186.145 ON DEC 30	184.700 ON AUG 17 *	1989
1990	186.429 AT 2127 CST ON NOV 23	186.428 ON NOV 24	184.807 ON SEP 18	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNOW LAKE ABOVE SNOW CREEK DAM - STATION NO. 05TB802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	274.810	274.915	274.872	274.788	274.762	---	---	---	1987
1988	---	---	---	---	---	274.785	274.904	274.805	274.679	---	---	---	---	1988
1989	---	---	---	---	274.630	274.725	274.677	274.607	274.868	275.063	---	---	---	1989
MEAN	---	---	---	---	274.630	274.773	274.832	274.761	274.778	274.913	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 52 23 N DRAINAGE AREA, 279 km²
LONG 099 58 42 W REGULATED SINCE 1972DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

SNOW LAKE ABOVE SNOW CREEK DAM - STATION NO. 05TB802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SNOW LAKE AT SNOW LAKE - STATION NO. 05TB801

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	274.600	274.550	274.624	274.640	275.094	274.934	274.971	274.762	274.620	274.799	274.697	274.544	274.737	1972
1973	274.434	274.344	274.258	274.313	274.895	274.927	274.922	274.902	274.833	274.798	274.806	274.865	274.694	1973
1974	274.877	274.868	274.801	274.862	275.019	274.963	274.889	274.797	274.713	274.663	274.646	274.683	274.815	1974
1975	274.696	274.696	274.658	274.634	274.903	274.940	274.879	274.846	274.767	274.762	274.788	274.775	274.779	1975
1976	274.745	274.716	274.682	274.689	274.823	274.999	274.967	274.793	274.847	274.884	274.942	274.898	274.832	1976
1977	274.828	274.741	274.700	274.786	274.803	274.712	274.659	274.771	274.848	274.788	274.880	274.807	274.777	1977
1978	274.717	274.680	274.667	274.667	---	274.662	274.727	274.667	274.735	---	274.808	274.804	---	1978
1979	---	274.723	274.713	274.745	---	275.038	274.881	274.748	274.694	274.780	274.976	274.956	---	1979
1980	274.910	274.875	274.840	274.875	274.930	274.875	274.927	274.895	274.960	274.946	274.872	274.754	274.888	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	274.775	274.826	274.636	274.664	274.684	---	---	---	1982
1983	---	---	---	---	---	274.825	274.836	---	---	---	---	---	---	1983
MEAN	274.726	274.688	274.660	274.690	274.924	274.877	274.862	274.782	274.768	274.789	274.824	274.787	274.789	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 53 10 N DRAINAGE AREA, 279 km²
LONG 100 01 50 W REGULATED SINCE 1972DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

SNOW LAKE AT SNOW LAKE - STATION NO. 05TB801

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	---	275.326 ON MAY 15 *	274.475E ON DEC 31	1972
1973	---	275.106 ON MAY 18	274.250E ON MAR 08 *	1973
1974	---	275.042 ON MAY 21	274.631E ON NOV 21	1974
1975	---	275.033 ON MAY 24	274.622E ON APR 09	1975
1976	---	275.146 ON JUL 03	274.674 ON APR 05	1976
1977	---	274.951 ON APR 28	274.619 ON JUL 05	1977
1978	---	---	---	1978
1979	---	275.173 ON MAY 28	274.679 ON SEP 28	1979
1980	---	275.009 ON OCT 03	274.637 ON DEC 31	1980
1981	---	274.969 ON MAY 12	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOURIS RIVER ABOVE HARTNEY DAM - STATION NO. 05NG806

MONTHLY AND ANNUAL MEAN WATER LEVELS FOR JAN TO DEC IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	420.478	419.539	418.935	---	419.683	419.607	419.544	---	---	---	1987
1988	---	---	---	---	419.365	419.535	419.953	419.857	419.984	419.987	---	---	---	1988
1989	---	---	---	420.764	420.098	419.787	419.899	419.834	419.855	419.871	---	---	---	1989
1990	---	---	---	---	419.699	419.857	419.938	419.940	419.950	419.940	---	---	---	1990
MEAN	---	---	---	420.621	419.675	419.529	419.930	419.829	419.849	419.836	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 29 36 N DRAINAGE AREA, 53 000 km²
LONG 100 31 30 W REGULATED SINCE 1941

SOURIS RIVER ABOVE HARTNEY DAM - STATION NO. 05NG806

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JAN TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1987	---	420.879 ON APR 05	---	1987
1988	---	420.037 ON SEP 19	419.118 ON JUN 03 *	1988
1989	---	421.240 ON APR 11 *	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOURIS RIVER NEAR MELITA (PTH NO. 3) - STATION NO. 05NF803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	425.749	425.772	---	---	425.886	---	---	---	---	1988
1989	---	---	---	---	425.497	425.787	---	425.816	---	---	---	---	---	1989
1990	---	---	---	---	425.701	425.763	425.812	425.801	---	---	---	---	---	1990
MEAN	---	---	---	---	425.649	425.774	425.812	425.809	425.886	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 15 59 N DRAINAGE AREA, 49 900 km²
LONG 100 58 15 W REGULATED SINCE 1937 DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

SOURIS RIVER NEAR MELITA (PTH NO. 3) - STATION NO. 05NF803

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	425.839 ON JUN 18 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH BAY DIVERSION CHANNEL AT SOUTH BAY - STATION NO. 06EC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	257.927	257.860	257.797	257.892	258.202	258.196	258.078	258.159	258.132	258.114	258.013	257.947	258.028	1978
1979	257.807	---	---	---	---	258.106	258.118	257.929	257.916	257.942	257.935	257.954	---	1979
1980	257.942	257.912	257.850	257.776	257.929	258.067	257.991	258.178	---	---	258.059	257.993	---	1980
1981	257.871	257.763	257.663	---	---	257.805	257.716	257.440	---	---	258.985	257.014	---	1981
1982	257.033	257.044	257.022	256.953	257.238	---	---	258.084	258.010	257.763	---	---	---	1982
MEAN	257.716	257.645	257.583	257.540	257.790	258.044	257.976	257.958	258.019	257.940	257.748	257.727	258.028	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

LOCATION - LAT 56 39 15 N
LONG 099 03 06 W REGULATED SINCE 1976

SOUTH BAY DIVERSION CHANNEL AT SOUTH BAY - STATION NO. 06EC002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	258.434 AT 1150 CST ON MAY 30 *	258.352 ON JUN 02 *	257.779 ON MAR 23	1978
1979	258.202 AT 1430 CST ON JUN 26	258.196 ON JUN 26	---	1979
1980	258.262 AT 1435 CST ON AUG 25	258.242 ON AUG 25	257.740 ON APR 23	1980
1981	257.940 AT 0001 CST ON JAN 01	257.937 ON JAN 01	256.956 ON NOV 06 *	1981
1982	---	---	---	1982

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MOOSE LAKE AT MOOSE LAKE - STATION NO. 05KK001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	255.468	255.676	---	255.843	---	---	---	---	1953
1964	---	---	---	---	---	---	---	---	255.012	255.089	255.314	---	---	1964
1965	255.690	255.868	---	256.202	256.415	256.590	256.623	256.642	256.631	256.633	256.627	256.561	---	1965
1966	256.499	256.390	256.277	256.204	256.377	256.463	256.617	256.678	256.623	256.513	256.502	256.488	256.470	1966
1967	256.417	---	256.291	256.253	256.251	256.327	256.395	256.488	256.482	256.395	256.279	256.271	---	1967
1968	256.221	256.169	256.047	256.019	256.081	256.058	256.009	256.037	256.123	256.208	256.214	256.158	256.112	1968
1969	256.059	256.092	256.064	256.017	256.119	256.053	256.031	256.238	256.359	256.500	256.467	256.330	256.195	1969
1970	256.192	256.062	255.985	255.942	256.061	256.102	256.174	256.223	256.242	256.237	256.306	256.288	256.152	1970
1971	256.275	256.274	256.208	256.164	256.214	256.171	256.164	256.218	256.264	256.211	256.196	256.137	256.208	1971
1972	256.071	256.106	256.101	256.062	256.180	256.218	256.297	256.455	256.429	256.346	256.231	256.130	256.219	1972
1973	256.133	256.130	256.072	256.025	256.086	256.231	256.381	256.385	256.329	256.405	256.417	256.380	256.249	1973
1974	256.368	256.332	256.280	256.225	256.368	256.557	256.542	256.500	---	256.473	256.512	256.494	---	1974
1975	256.442	256.380	256.295	256.226	256.268	---	256.430	256.453	256.375	256.242	256.269	256.259	---	1975
1976	256.196	256.133	256.075	256.026	255.961	255.922	255.899	---	255.904	---	256.184	256.255	---	1976
1977	256.122	256.076	256.006	255.938	255.900	255.789	255.751	---	---	---	255.857	255.773	---	1977
1978	255.740	255.806	255.803	255.827	255.886	255.884	255.949	256.082	256.255	256.424	256.514	256.406	256.049	1978
1979	256.233	256.074	255.996	255.977	256.130	256.382	256.408	256.357	256.375	256.417	256.491	256.492	256.279	1979
1980	256.407	256.308	256.229	256.157	---	---	256.117	256.085	256.017	255.936	255.840	255.787	---	1980
1981	---	---	---	---	---	256.094	---	---	256.189	256.163	256.192	256.180	---	1981
1982	256.031	255.946	255.956	255.917	255.921	255.891	255.817	255.849	255.889	255.916	255.940	255.964	255.920	1982
MEAN	256.182	256.134	256.105	256.069	256.139	256.129	256.182	256.313	256.186	256.242	256.229	256.242	256.185	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 42 20 N DRAINAGE AREA 9 160 km²
LONG 100 18 50 W REGULATED SINCE 1964

SOUTH MOOSE LAKE AT MOOSE LAKE - STATION NO. 05KK001

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1953	---	---	---	1953
1964	---	255.608 ON DEC 31	---	1964
1965	---	256.669 ON JUL 31	255.614 ON JAN 01 *	1965
1966	---	256.730 ON AUG 26 *	256.178 ON APR 17	1966
1967	256.620 AT 2045 CST ON AUG 16	256.529 ON AUG 16	256.206A ON MAY 06	1967
1968	256.340 AT 2045 CST ON OCT 26	256.261 ON OCT 26	255.962 ON JUL 09	1968
1969	256.575 AT 0830 CST ON OCT 03	256.532 ON OCT 03	255.974 ON JUL 06	1969
1970	256.376 AT 2200 CST ON NOV 05	256.311A ON SEP 21	255.913A ON APR 13	1970
1971	256.410 AT 0800 CST ON OCT 08	256.312 ON SEP 04	256.078 ON JUL 08	1971
1972	256.587 AT 0450 CST ON AUG 31	256.504 ON AUG 30	256.044 ON JAN 16	1972
1973	256.501 AT 1326 CST ON OCT 31	256.483 ON OCT 31	256.005 ON APR 12	1973
1974	---	256.590 ON JUN 19	256.206 ON APR 20	1974
1975	256.703 AT 1335 CST ON JUL 06 *	256.480 ON AUG 11	256.178 ON OCT 17	1975
1976	256.294 AT 0304 CST ON DEC 05	256.288 ON DEC 03	---	1976
1977	256.197 AT 0001 CST ON JAN 01	256.194 ON JAN 01	---	1977
1978	256.593 AT 0051 CST ON NOV 05	256.538 ON NOV 05	255.718 ON JAN 14	1978
1979	256.515 AT 0750 CST ON NOV 27	256.511 ON NOV 27	255.954 ON APR 05	1979
1980	256.466 AT 0951 CST ON JAN 01	256.462 ON JAN 01	255.764 ON DEC 20	1980
1981	---	---	---	1981
1982	256.119 AT 0001 CST ON JAN 01	256.116 ON JAN 01	255.772 ON JUL 02	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KK006

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	254.813	254.822	254.925	254.939	255.053	255.113	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	256.495	256.428	256.352	256.323	256.327	256.396	256.686	256.751	256.689	256.576	256.586	256.554	---	1967
1968	---	256.212	256.116	256.089	256.143	256.116	256.492	256.578	256.559	256.448	256.331	256.320	256.421	1968
1969	---	---	256.130	256.106	256.139	256.079	256.098	256.101	256.201	256.277	256.302	256.232	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	256.364	256.281	256.235	256.296	256.252	256.247	256.302	256.320	256.307	256.379	---	---	1971
1972	---	256.187	256.170	256.134	256.137	256.283	256.227	256.309	256.344	256.286	256.233	256.177	---	1972
1973	---	256.203	256.151	256.106	256.158	256.283	256.369	256.534	256.508	256.415	256.311	256.207	---	1973
1974	---	---	---	256.292	256.417	256.619	256.629	256.476	256.552	256.541	256.579	256.561	---	1974
1975	256.511	256.444	256.361	256.291	256.329	256.429	256.492	---	---	---	---	---	---	1975
1976	---	---	256.142	256.101	256.054	256.006	---	---	---	256.076	256.268	---	---	1976
1977	---	256.147	---	256.024	256.034	256.006	---	---	---	---	---	---	---	1977
1978	255.806	255.862	255.860	255.875	255.948	255.876	255.007	255.851	---	---	---	---	---	1978
1979	256.295	256.131	256.047	256.032	256.192	---	256.463	256.145	256.313	256.488	256.575	256.468	256.110	1979
1980	256.464	256.377	256.284	256.209	256.150	256.118	256.166	256.179	---	---	255.911	255.857	---	1980
1981	255.848	255.863	255.836	255.857	---	---	---	256.296	---	---	256.238	---	---	1981
1982	---	---	---	255.875	---	---	---	255.926	---	---	255.977	256.008	256.012	1982
1983	256.000	255.984	255.961	255.900	255.962	255.963	255.969	255.941	255.924	255.977	256.008	256.012	---	1983
1984	---	---	---	255.994	256.039	256.018	255.953	255.831	255.724	255.719	255.777	255.799	---	1984
1985	255.796	255.782	255.770	255.769	---	256.042	256.204	256.372	256.416	256.342	256.369	256.301	---	1985
1986	256.224	256.158	256.101	256.091	256.160	256.171	---	256.407	256.464	256.458	256.467	256.415	---	1986
1987	256.343	---	---	256.161	256.114	256.111	---	256.407	256.464	256.458	256.467	256.415	---	1987
1988	255.775	255.753	255.744	255.728	255.803	255.796	255.739	255.840	255.764	255.702	255.727	255.770	---	1988
1989	255.608	255.606	255.607	255.584	---	255.455	255.392	255.713	255.694	255.665	255.641	255.619	255.724	1989
1990	255.399	---	255.539	255.629	255.717	255.783	255.950	256.093	256.100	255.952	255.824	255.736	---	1990
MEAN	256.043	256.094	255.961	255.972	256.051	256.029	256.128	256.169	256.251	256.174	256.211	256.132	256.085	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM
 LOCATION - LAT 53 57 00 N DRAINAGE AREA, 9 160 km²
 LONG 100 10 00 W REGULATED SINCE 1964

SOUTH MOOSE LAKE AT MOOSE LAKE NARROWS CONTROL STRUCTURE - STATION NO. 05KK006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	---	---	1964
1965	---	---	---	1965
1966	256.879 AT 1430 CST ON AUG 31 *	256.828 ON AUG 31 *	---	1966
1967	256.724 AT 1000 CST ON SEP 22	256.642 ON AUG 31	---	1967
1968	256.376 AT 0030 CST ON NOV 13	256.334 ON OCT 30	256.273 ON MAY 02	1968
1969	256.623 AT 2030 CST ON OCT 17	256.605 ON OCT 30	255.983 ON JUN 26	1969
1970	256.514 AT 1145 CST ON OCT 26	256.419 ON OCT 26	256.017 ON MAR 28	1970
1971	256.556 AT 1730 CST ON SEP 11	256.431 ON SEP 11	256.148 ON DEC 30	1971
1972	256.648 AT 1250 CST ON AUG 29	256.596 ON AUG 26	---	1972
1973	---	---	256.087 ON APR 18	1973
1974	256.858 AT 1630 CST ON JUL 12	256.754 ON JUL 12	256.270 ON APR 21	1974
1975	---	---	---	1975
1976	256.160 AT 1522 CST ON FEB 19	256.154 ON FEB 08	---	1976
1977	256.632 AT 1117 CST ON NOV 06	256.605 ON NOV 06	---	1977
1978	---	---	255.767A ON JAN 13	1978
1979	---	---	256.016 ON APR 03	1979
1980	256.513 AT 1304 CST ON JAN 01	256.507 ON JAN 01	255.843 ON DEC 18	1980
1981	256.135 AT 1111 CST ON JAN 06	256.133 ON JAN 08	---	1981
1982	256.186 AT 2310 CST ON OCT 04	256.174 ON OCT 01	---	1982
1983	---	---	255.882 ON APR 24	1983
1984	---	---	255.696 ON OCT 07	1984
1985	256.528 AT 1834 CST ON AUG 25	256.484 ON SEP 05	255.741 ON APR 13	1985
1986	256.580 AT 1307 CST ON OCT 09	256.528 ON OCT 09	256.070 ON APR 10	1986
1987	256.382 AT 1340 CST ON JAN 01	256.381 ON JAN 01	255.673 ON OCT 19	1987
1988	255.861 AT 1541 CST ON MAY 26	255.837 ON JUN 01	255.613 ON DEC 10	1988
1989	255.621 AT 1701 CST ON JAN 01	255.619 ON JAN 01	255.194 ON OCT 01 *	1989
1990	256.230 AT 1528 CST ON SEP 07	256.182 ON SEP 07	255.380 ON JAN 02	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTHERN INDIAN LAKE AT MISSI FALLS - STATION NO. 06EC006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	258.328	258.252	258.138	257.918	257.636	257.367	---	1985
1986	257.179	---	257.127	257.187	257.609	258.300	258.331	258.293	258.274	258.103	257.868	257.681	---	1986
1987	---	---	---	257.076	257.324	257.800	257.827	257.761	257.834	257.875	257.768	257.604	---	1987
1988	---	257.341	257.197	257.080	257.299	257.885	258.025	258.100	257.986	---	---	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	257.752	257.584	---	1989
1990	---	---	257.085	---	---	---	257.604	257.622	257.576	257.478	257.285	---	---	1990
MEAN	257.179	257.341	257.136	257.114	257.411	257.995	258.022	258.006	257.962	257.844	257.662	257.559	---	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)
 LOCATION - LAT 57 18 47 N DRAINAGE AREA, 261 000 km²
 LONG 098 09 40 W REGULATED

SOUTHERN INDIAN LAKE AT MISSI FALLS - STATION NO. 06EC006

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1985	258.405 AT 0210 CST ON JUL 19	258.367 ON JUL 16	---	1985
1986	258.437 ON JUL 09 *	258.432 ON JUL 09 *	---	1986
1987	257.961 AT 1535 CST ON OCT 24	257.936 ON OCT 24	257.114 ON APR 21	1987
1988	---	258.146E ON AUG 26	257.038 ON MAR 28	1988
1989	---	---	257.035 ON APR 22 *	1989
1990	257.789 AT 2252 CST ON SEP 02	257.672 ON AUG 15	---	1990

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTHERN INDIAN LAKE AT SOUTH BAY - STATION NO. 06EC003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	258.191	258.230	258.211	258.129	258.122	258.075	---	1977
1978	258.043	257.994	257.901	257.957	258.253	258.269	258.187	258.229	258.183	258.175	---	---	---	1978
1979	---	---	---	257.687	257.764	258.173	258.164	257.994	257.982	258.018	258.034	---	---	1979
1980	---	258.024	257.960	257.878	258.004	258.165	258.081	258.269	258.122	258.170	258.160	258.104	---	1980
1981	257.992	257.888	257.779	257.623	257.661	257.903	257.815	257.532	257.234	257.079	257.063	---	---	1981
1982	---	---	---	257.006	257.310	257.970	258.154	258.165	258.115	257.866	257.318	---	---	1982
1983	257.052	256.981	257.068	---	---	---	258.080	258.066	258.196	258.117	258.326	258.107	---	1983
1984	258.020	257.888	257.712	257.621	257.884	258.083	258.057	257.996	258.024	257.908	257.734	---	---	1984
1985	---	257.265	257.151	257.076	257.503	257.958	258.261	258.197	258.117	257.890	---	---	---	1985
1986	---	---	257.043	257.106	257.543	258.227	258.289	258.230	258.191	258.007	---	---	---	1986
1987	---	---	257.155	257.089	257.389	257.676	257.720	257.663	257.746	257.769	257.637	---	---	1987
1988	---	---	---	257.007	257.263	257.742	257.073	258.029	257.891	257.735	257.609	---	---	1988
1989	257.372	257.246	257.115	257.011	257.243	257.806	258.059	257.555	257.859	257.834	257.701	---	---	1989
1990	257.310	---	---	256.939	257.045	257.337	257.501	257.531	257.484	257.412	257.209	257.079	---	1990
MEAN	257.632	257.612	257.432	257.333	257.572	257.942	258.038	258.006	257.954	257.865	257.719	257.723	---	MEAN

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

LOCATION - LAT 56 40 51 N DRAINAGE AREA, 261 000 km²
LONG 099 01 11 W REGULATED

SOUTHERN INDIAN LAKE AT SOUTH BAY - STATION NO. 06EC003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	---	---	---	1977
1978	---	258.425 ON MAY 30 *	---	1978
1979	258.303 AT 0324 CST ON JUN 26	258.286 ON JUN 26	257.660 ON APR 30	1979
1980	258.348 AT 1953 CST ON AUG 25	258.329 ON AUG 25	257.840 ON APR 23	1980
1981	258.058 AT 0225 CST ON JAN 01	258.058 ON JAN 01	257.032 ON NOV 01	1981
1982	258.259 AT 1540 CST ON AUG 15	258.248 ON AUG 22	---	1982
1983	258.334 AT 0000 CST ON SEP 21	258.327 ON SEP 20	256.957 ON FEB 07	1983
1984	258.132 AT 1630 CST ON JUN 08	258.108 ON JUN 08	---	1984
1985	258.301 AT 1455 CST ON JUL 09	258.289 ON JUL 11	---	1985
1986	258.405 AT 0600 CST ON JUL 06 *	258.388 ON JUL 06	---	1986
1987	257.838 AT 1104 CST ON OCT 01	257.809 ON OCT 14	257.060 ON APR 18	1987
1988	258.089 AT 0517 CST ON AUG 16	258.085 ON AUG 16	256.960 ON MAR 31	1988
1989	258.102 AT 0445 CST ON JUL 26	258.088 ON JUL 17	256.969 ON MAY 03	1989
1990	257.600 AT 1915 CST ON AUG 31	257.564 ON AUG 31	256.932 ON APR 14 *	1990

WATER LEVELS REFERRED TO CHURCHILL RIVER DATUM (MANITOBA HYDRO)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTHERN INDIAN LAKE NEAR OPACHUANAU LAKE - STATION NO. 06EC007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	98.256	98.188	98.080	97.861	---	---	---	1985
1986	97.120	97.048	97.064	97.139	97.559	98.167	98.230	98.186	98.199	98.021	97.780	97.603	97.680	1986
1987	97.454	97.328	97.195	97.127	97.432	97.721	97.764	97.687	97.765	97.782	97.662	---	---	1987
1988	---	97.172	97.041	97.031	97.289	97.763	97.919	98.049	97.934	97.768	---	---	---	1988
1989	---	---	---	97.017	97.239	---	---	---	---	---	---	---	---	1989
1990	97.334	97.167	96.998	96.948	97.064	97.390	97.517	97.532	97.474	97.406	97.199	97.071	97.259	1990
MEAN	97.303	97.179	97.075	97.052	97.317	97.760	97.937	97.928	97.890	97.768	97.547	97.337	97.470	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 56 47 00 N DRAINAGE AREA, 261 000 km²
LONG 099 31 00 W REGULATED

SOUTHERN INDIAN LAKE NEAR OPACHUANAU LAKE - STATION NO. 06EC007
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

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YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1985				
1986	98.384 AT 0225 CST ON JUL 06 *	98.313 ON JUL 06 *	97.031 ON MAR 06	1985
1987	97.948 AT 0300 CST ON OCT 01	97.063 ON OCT 01	97.103 ON APR 18	1986
1988	98.145 AT 0810 CST ON AUG 16	98.115 ON AUG 16	96.988 ON MAR 30	1987
1989				1988
1990	97.658 AT 1350 CST ON AUG 03	97.602 ON AUG 31	96.936 ON APR 11 *	1989
	WATER LEVELS REFERRED TO ASSUMED DATUM			1990

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTHERN INDIAN LAKE NEAR SOUTH INDIAN LAKE - STATION NO. 06EC001
MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	254.572	---	---	---	---	1956
1957	---	---	---	---	---	255.015	---	255.373	---	255.087	---	---	---	1957
1958	---	---	---	---	---	255.047	255.117	255.122	---	255.240	---	---	---	1958
1959	---	---	---	---	---	---	---	---	255.893	---	---	---	---	1959
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1967	---	---	---	---	---	255.214	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	255.250	255.237	255.033	---	255.032	255.013	---	---	1968
1970	---	---	---	---	---	---	255.308	255.325	255.309	255.242	---	---	---	1970
1971	---	---	254.730	254.610	---	---	255.599	255.453	255.276	255.170	---	---	---	1971
1972	---	---	---	---	---	---	255.306	255.292	255.365	255.440	255.148	255.087	---	1972
1973	255.046	254.995	254.971	254.937	255.085	255.294	255.306	255.292	255.365	255.440	255.148	255.087	---	1973
1974	255.493	255.450	255.399	255.398	255.592	256.085	256.365	256.559	256.553	256.475	256.516	255.520	255.232	1974
1975	256.044	255.829	255.697	255.645	255.921	256.412	256.752	256.659	256.454	256.314	---	---	---	1975
1976	---	255.822	255.945	255.883	255.926	255.934	256.522	256.362	256.904	---	---	---	---	1976
1977	258.001	257.933	257.892	257.987	258.199	258.246	258.162	258.186	258.185	258.109	---	---	---	1977
1978	---	---	---	---	---	258.224	258.121	258.183	258.136	258.131	258.046	---	---	1978
1979	---	257.726	257.693	257.647	257.719	258.144	258.136	257.966	257.948	257.996	258.005	258.049	---	1979
1980	258.033	257.993	257.916	257.848	257.986	258.125	258.034	258.203	258.088	258.167	258.128	258.063	258.049	1980
1981	---	---	---	257.604	257.626	257.864	257.784	257.523	257.235	257.063	257.037	---	---	1981
1982	---	---	---	256.996	257.269	257.925	258.115	258.138	258.090	258.093	257.835	---	---	1982
1983	---	257.004	---	---	257.357	257.928	258.060	258.048	258.166	258.093	258.105	---	---	1983
1984	258.013	257.881	257.703	257.607	257.872	258.067	258.042	257.986	258.002	257.882	257.704	257.536	257.858	1984
1985	257.391	257.253	257.143	257.053	257.474	257.916	258.227	258.150	258.058	257.834	257.532	257.251	257.609	1985
1986	257.063	256.991	257.009	257.075	257.511	258.206	258.273	258.217	258.177	257.983	257.751	257.561	257.655	1986
1987	---	257.260	257.122	257.059	257.375	257.657	257.700	257.650	257.724	257.738	257.616	257.445	---	1987
1988	257.276	---	---	---	---	257.722	257.951	258.011	---	---	---	---	---	1988
1989	---	257.215	257.086	256.991	257.253	257.776	258.042	257.940	257.845	257.819	257.676	257.488	---	1989
1990	257.298	257.112	256.962	256.917	257.014	257.299	257.464	257.497	257.453	257.381	257.184	257.055	257.221	1990
MEAN	256.966	256.905	256.684	256.720	257.081	257.061	257.197	257.125	257.164	256.954	257.125	257.119	257.090	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

LOCATION - LAT 56 46 44 N DRAINAGE AREA 261 000 km²
LONG 098 56 28 W REGULATED SINCE 1976

SOUTHERN INDIAN LAKE NEAR SOUTH INDIAN LAKE - STATION NO. 06EC001
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1956	---	---	---	1956
1957	---	255.441 ON AUG 23	---	1957
1958	---	255.291 ON OCT 24	---	1958
1959	---	256.011 ON SEP 09	254.596 ON MAR 25	1959
1962	---	256.081 ON JUN 29	---	1962
1967	---	---	---	1967
1968	---	255.313 ON JUN 24	---	1968
1970	---	---	---	1970
1971	---	---	---	1971
1972	255.669 AT 2000 CST ON JUL 01	255.642 ON JUN 30	254.593 ON APR 09 *	1972
1973	255.247 AT 0600 CST ON NOV 02	255.535 ON NOV 02	---	1973
1974	256.617 AT 1000 CST ON AUG 30	256.611 ON AUG 26	255.361 ON APR 05	1974
1975	---	256.803 ON JUL 08	---	1975
1976	258.135 AT 1917 CST ON OCT 14	258.123 ON OCT 20	255.630 ON APR 25	1976
1977	258.342 AT 1721 CST ON JUN 10	258.321 ON JUN 07	255.739 ON FEB 01	1977
1978	258.412 AT 1640 CST ON JUN 02	258.403 ON MAY 30 *	---	1978
1979	258.239 AT 1928 CST ON JUN 28	258.234 ON JUN 26	257.611 ON MAY 02	1979
1980	---	---	---	1980
1981	258.280 AT 1013 CST ON AUG 22	258.264 ON AUG 26	257.807 ON APR 23	1981
1982	258.226 AT 1519 CST ON AUG 15	258.211 ON AUG 19	---	1982
1983	258.284 AT 1200 CST ON SEP 19	258.278 ON SEP 20	256.961 ON APR 28	1983
1984	258.104 AT 1730 CST ON JUN 26	258.087 ON JUN 26	257.452 ON DEC 31	1984
1985	258.281 AT 1955 CST ON JUL 11	258.259 ON JUL 11	---	1985
1986	258.376 AT 0710 CST ON JUL 06	258.362 ON JUL 08	257.027 ON APR 23	1986
1987	257.812 AT 1205 CST ON OCT 01	257.774 ON OCT 01	256.978 ON FEB 20	1987
1988	258.085 AT 1050 CST ON OCT 01	258.065 ON AUG 16	256.934 ON APR 17	1988
1989	258.083 AT 1730 CST ON JUL 16	258.067 ON JUL 17	256.934 ON MAY 03	1989
1990	257.558 AT 2335 CST ON AUG 13	257.524 ON JUL 29	256.906 ON APR 20	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPLIT LAKE AT SPLIT LAKE - STATION NO. 05UF003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	166.657	---	---	---	---	---	---	---	---	---	1955
1959	---	---	---	---	---	---	167.241	---	---	---	---	---	---	1959
1963	---	---	---	---	---	---	---	---	---	166.546	166.477	---	---	1963
1964	166.070	165.960	165.829	165.557	---	166.603	166.480	166.515	---	166.602	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1969	---	---	---	---	---	167.222	167.083	167.151	---	---	167.405	167.300	---	1969
1970	167.094	166.978	166.818	166.571	166.953	167.502	---	---	167.372	167.083	167.200	---	---	1970
1971	---	---	---	---	167.224	167.505	167.615	167.332	167.104	166.940	166.819	---	---	1971
1972	---	---	---	---	---	167.612	167.544	167.200	166.989	166.824	---	---	---	1972
1973	---	---	---	---	---	---	166.244	166.189	---	---	---	---	---	1973
1974	---	---	---	---	---	---	167.825	---	---	167.403	166.462	166.695	---	1974
1975	167.200	167.184	167.221	166.885	167.185	167.555	167.382	167.119	167.085	167.288	---	---	---	1975
1976	---	166.950	166.638	166.518	167.027	167.253	167.223	166.548	166.158	166.293	166.697	166.656	---	1976
1977	---	---	---	166.128	165.729	165.291	165.999	165.758	166.189	166.278	166.778	167.203	---	1977
1978	---	---	---	166.700	166.321	166.274	166.301	---	---	---	167.597	167.914	---	1978
1979	167.942	167.864	167.700	167.099	167.561	168.454	168.510	167.723	166.543	166.788	167.365	167.650	167.600	1979
1980	167.538	167.469	167.392	166.972	166.418	166.130	166.090	166.202	166.528	166.841	167.254	167.604	166.868	1980
1981	167.624	167.544	167.020	166.139	---	166.103	166.452	166.232	---	166.572	167.107	167.313	---	1981
1982	166.955	167.093	166.811	166.439	166.996	166.438	166.416	166.635	166.918	167.290	167.516	167.686	166.942	1982
1983	167.645	167.601	167.381	167.123	166.990	166.919	166.771	166.673	166.619	166.814	167.148	167.472	167.076	1983
1984	167.681	167.525	167.403	167.092	166.869	166.852	---	---	---	---	---	---	---	1984
1985	167.621	167.584	---	---	---	166.975	167.118	166.897	166.967	167.155	167.502	167.888	---	1985
1986	168.031	167.921	167.353	167.144	168.250	---	---	---	---	---	167.497	167.955	---	1986
1987	---	---	167.402	167.051	166.864	166.470	166.451	166.312	166.416	166.513	166.951	167.015	---	1987
1988	167.304	167.309	166.961	166.255	166.703	166.248	166.000	165.853	165.878	166.037	166.393	---	---	1988
1989	---	---	166.716	166.364	166.457	166.012	166.150	166.438	166.580	166.697	166.937	167.169	---	1989
1990	167.414	167.299	166.872	166.310	166.566	166.554	166.306	166.259	166.464	166.724	167.107	167.280	166.760	1990
MEAN	167.394	167.306	167.050	166.628	166.882	166.834	166.812	166.613	166.654	166.794	167.093	167.381	167.049	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

LOCATION - LAT 56 14 43 N DRAINAGE AREA, 1 050 000 km²
LONG 096 05 40 W REGULATED SINCE 1960

SPLIT LAKE AT SPLIT LAKE - STATION NO. 05UF003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1955	---	---	---	1955
1959	---	---	---	1959
1963	---	---	---	1963
1964	---	166.887 ON SEP 26	165.333 ON APR 03	1964
1965	---	167.561 ON JUL 09	---	1965
1966	---	168.375 ON JUN 28	---	1966
1969	---	---	---	1969
1970	---	167.957 ON JUL 08	166.439 ON APR 25	1970
1971	167.747 AT 1426 CST ON JUL 13	167.747 ON JUL 13	---	1971
1972	---	167.716 ON JUN 22	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	167.667 AT 2030 CST ON JUN 28	167.661 ON JUN 29	---	1975
1976	167.381 AT 1730 CST ON JUN 20	167.350 ON JUN 19	---	1976
1977	167.439 AT 1010 CST ON DEC 20	167.436 ON DEC 20	166.043 ON OCT 03	1977
1978	168.033 AT 2359 CST ON DEC 31	168.030 ON DEC 31	165.317 ON MAY 16	1978
1979	168.588 AT 2108 CST ON JUN 28	168.579 ON JUN 28	166.448 ON SEP 14	1979
1980	167.798 AT 1940 CST ON JAN 03	167.786 ON JAN 02	165.831 ON JUL 23	1980
1981	167.826 AT 2230 CST ON FEB 04	167.801 ON FEB 04	165.962 ON APR 29	1981
1982	167.801 AT 1439 CST ON DEC 11	167.787 ON DEC 11	166.102 ON JUL 02	1982
1983	167.862 AT 0000 CST ON DEC 30	167.851 ON DEC 30	166.646 ON JUN 30	1983
1984	167.819 AT 0001 CST ON JAN 01	167.809 ON JAN 01	166.491 ON SEP 07	1984
1985	168.074 ON DEC 30	168.071 ON DEC 30	---	1985
1986	168.649 ON MAY 20 *	168.610 ON MAY 21 *	---	1986
1987	168.094 AT 0001 CST ON JAN 01	168.073 ON JAN 01	166.910 ON APR 13	1987
1988	167.394 AT 0720 CST ON JAN 03	167.392 ON JAN 03	166.447 ON AUG 30	1988
1989	167.374 AT 2215 CST ON DEC 31	167.362 ON DEC 31	165.776 ON SEP 04	1989
1990	167.547 AT 1635 CST ON JAN 17	167.538 ON JAN 17	165.887 ON JUN 26	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ST. MALO LAKE NEAR ST. MALO - STATION NO. 050E003

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	250.053	250.313	253.480	255.971	255.712	---	1959
1960	255.457	254.798	253.882	---	---	255.883	---	---	251.436	251.973	---	253.481	---	1960
1961	252.842	251.661	---	---	---	---	---	---	---	252.438	---	---	---	1961
1962	---	---	---	---	256.177	256.208	256.108	256.174	256.101	256.082	256.095	256.070	---	1962
1963	---	255.797	---	---	256.397	---	256.396	256.337	256.257	256.258	256.267	---	---	1963
1964	256.256	---	255.881	256.115	256.247	256.203	256.157	256.049	---	256.128	256.097	255.917	---	1964
1965	255.954	255.734	255.411	256.009	256.298	256.244	---	256.080	254.998	255.156	256.171	---	---	1965
1966	256.056	256.051	256.064	256.392	---	256.096	256.049	256.027	255.899	256.116	256.107	256.059	---	1966
1967	---	256.038	256.051	256.161	256.184	256.213	256.221	256.194	256.183	256.143	256.054	256.046	---	1967
1968	256.050	256.049	256.054	256.258	256.220	256.137	256.087	256.055	256.034	256.081	256.071	256.071	256.097	1968
1970	256.060	256.057	256.055	256.176	256.392	256.292	256.076	255.987	256.046	256.061	256.106	256.068	256.115	1970
1971	256.065	256.068	256.067	256.224	256.212	256.108	256.057	256.011	256.002	256.057	256.082	256.078	256.088	1971
1972	---	---	256.066	256.150	256.196	256.062	256.066	256.888	256.062	256.057	256.099	---	---	1972
1973	---	256.038	256.072	256.122	256.127	256.126	256.090	256.066	256.063	256.092	256.106	256.080	---	1973
1974	---	256.055	256.053	256.224	256.392	256.266	256.027	255.955	256.039	256.045	256.057	256.056	---	1974
1975	---	256.021	256.031	256.064	256.161	256.121	256.090	255.960	255.882	255.932	---	---	---	1975
1976	256.038	256.043	256.049	256.162	256.121	256.080	256.026	256.874	256.826	255.010	---	---	---	1976
1977	254.914	254.911	254.931	255.748	256.251	256.078	256.046	256.024	256.065	256.114	256.089	256.067	255.739	1977
1978	256.070	256.067	256.058	256.196	256.189	256.075	256.069	256.982	255.896	256.045	256.057	256.042	256.775	1978
1979	256.041	256.038	256.042	256.138	256.279	256.179	256.050	256.020	256.038	256.005	256.062	256.050	256.079	1979
1980	256.053	256.051	256.051	256.142	256.095	256.022	255.908	255.798	255.883	256.085	256.096	256.053	256.019	1980
1981	256.041	256.044	256.072	256.113	256.092	256.155	256.074	256.033	256.101	256.173	256.152	256.080	256.094	1981
1982	256.033	256.023	256.057	256.209	256.232	256.216	256.158	256.120	256.055	256.148	256.111	256.077	256.121	1982
1983	256.052	256.050	256.135	256.322	256.185	256.157	256.121	256.011	256.013	256.049	256.056	256.044	256.099	1983
1984	256.036	256.053	256.068	256.136	256.111	256.140	256.139	256.022	255.924	255.922	256.056	256.029	256.053	1984
1985	256.023	256.021	256.062	256.141	256.157	256.141	256.094	256.089	256.152	256.164	256.133	256.092	256.106	1985
1986	256.075	256.077	256.123	256.360	256.398	256.126	256.131	256.069	256.062	256.096	256.063	256.125	256.125	1986
1987	256.065	256.060	256.103	256.335	256.157	256.091	256.059	256.054	256.078	255.996	256.038	256.030	256.072	1987
1988	256.021	256.016	256.026	---	---	---	---	255.778	255.664	255.602	255.283	255.974	255.924	1988
1989	255.619	255.625	255.633	255.859	256.117	256.117	256.092	256.046	256.046	255.978	255.959	255.974	---	1989
1990	255.981	255.990	256.059	---	---	256.159	256.135	255.959	255.828	255.736	255.694	255.689	---	1990
MEAN	255.818	255.757	255.895	256.156	256.216	256.136	256.093	255.819	255.609	255.747	256.014	255.863	256.036	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

LOCATION - LAT 49 19 06 N DRAINAGE AREA, 854 km²
LONG 096 56 13 W REGULATED SINCE 1959

REMARKS - PREVIOUS TO 1988 PUBLISHED UNDER THE NAME "ST. MALO RESERVOIR NEAR ST. MALO"

ST. MALO LAKE NEAR ST. MALO - STATION NO. 050E003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	256.190 ON JUN 19	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	256.343 ON MAY 06	255.852 ON MAR 31	1964
1965	---	256.465 ON MAY 06	253.828 ON SEP 27 *	1965
1966	---	256.578 ON APR 21 *	---	1966
1967	---	256.248 ON AUG 25	---	1967
1968	---	256.395 ON APR 20	256.011 ON AUG 29	1968
1969	---	---	---	1969
1970	256.450 AT 0142 CST ON MAY 17	256.443 ON MAY 16	255.938 ON AUG 28	1970
1971	---	256.294 ON APR 23	255.977 ON SEP 29	1971
1972	---	256.245 ON MAY 08	255.797 ON AUG 16	1972
1973	256.535 AT 1900 CST ON APR 25 *	256.181 ON OCT 23	---	1973
1974	---	256.529 ON APR 26	255.877 ON AUG 14	1974
1975	256.203 ON JUL	256.203 ON JUL 01	255.819 ON SEP 26	1975
1976	---	256.206 ON APR 15	254.916 ON DEC 27	1976
1977	256.343 AT 1549 CST ON MAY 11	256.343 ON MAY 10	254.910 ON FEB 01	1977
1978	256.291 AT 2100 CST ON APR 18	256.291 ON APR 19	255.816 ON SEP 11	1978
1979	256.395 AT 0549 CST ON APR 19	256.374 ON APR 19	255.986 ON OCT 17	1979
1980	256.204 AT 1536 CST ON APR 08	256.202 ON APR 20	255.742 ON SEP 11	1980
1981	256.199 AT 0820 CST ON NOV 02	256.198 ON OCT 31	256.021 ON SEP 05	1981
1982	256.344 AT 1156 CST ON APR 15	256.330 ON APR 15	256.013 ON FEB 09	1982
1983	256.416 AT 0115 CST ON APR 09	256.412 ON APR 08	255.964A ON SEP 07	1983
1984	256.225 AT 1107 CST ON JUL 09	256.220 ON JUL 09	255.863 ON OCT 06	1984
1985	256.205 AT 1139 CST ON MAY 13	256.201 ON MAY 13	256.015 ON FEB 04	1985
1986	256.494 AT 0025 CST ON APR 06	256.520 ON MAY 06	255.759 ON OCT 31	1986
1987	256.143 AT 0943 CST ON APR 14	256.476 ON APR 06	255.940 ON OCT 04	1987
1988	256.147 AT 1656 CST ON MAY 03	256.143 ON APR 16	255.586 ON DEC 07	1988
1989	---	256.146 ON MAY 03	255.601 ON JAN 01	1989
1990	256.234 AT 1825 CST ON JUL 08	256.233 ON JUL 09	255.681A ON NOV 29	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STE. ROSE RESERVOIR NEAR STE. ROSE - STATION NO. 05LJ810

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	264.838	264.839	264.734	---	262.453	---	---	264.817	264.813	264.848	264.844	264.826	---	1987
1988	264.733	264.600	---	---	263.075	264.810	---	---	264.265	---	264.792	264.793	---	1988
1989	---	264.738	---	---	264.397	264.542	---	264.809	---	264.836	264.836	---	---	1989
1990	264.712	264.641	---	---	---	---	264.529	264.591	---	264.815	264.850	264.809	---	1990
MEAN	264.761	264.705	264.734	---	263.308	264.676	264.529	264.739	264.539	264.833	264.831	264.809	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 03 00 N DRAINAGE AREA, 1 110 km² DATA CONTRIBUTED BY -
LONG 099 31 46 W REGULATED SINCE 1965 MANITOBA WATER RESOURCES BRANCH

REMARKS - PRIOR TO 1988 PUBLISHED AS "TURTLE RIVER ABOVE STE. ROSE DU LAC DAM"

STE. ROSE RESERVOIR NEAR STE. ROSE - STATION NO. 05LJ810

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	265.305 ON JUN 13 *	262.403 ON MAY 01 *	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEPHENFIELD LAKE NEAR STEPHENFIELD - STATION NO. 05OF008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	295.718	---	295.701	295.628	295.774	---	---	---	---	1964
1965	---	---	---	---	---	294.705	---	---	295.158	294.758	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	295.655	---	---	---	1973
1974	---	---	---	---	295.953	295.742	295.518	295.286	295.313	295.346	295.267	---	---	1974
1975	---	---	---	---	295.774	295.756	295.707	295.357	---	---	---	---	---	1975
1976	---	---	---	---	---	295.671	295.606	295.455	295.220	---	---	---	---	1976
1977	---	---	---	295.003	295.681	295.684	295.632	295.578	295.669	295.705R	295.628	---	---	1977
1978	---	---	---	295.886	295.759	295.726	295.781	295.706	295.705	295.634	---	---	---	1978
1979	---	---	---	295.688	296.018	295.780	295.649	295.583	295.605	295.548	295.628	---	---	1979
1980	---	---	---	295.713	295.511	295.181	295.016	294.842	294.746	294.828	295.077	---	---	1980
1981	---	---	295.687	295.689	295.687	295.693	295.673	295.654	294.895	294.440	---	---	---	1981
1982	---	---	---	---	295.650	295.651	295.314	295.257	295.094	295.163	295.286	295.233	---	1982
1983	---	---	---	---	295.956	295.710	295.677	295.444	295.139	294.888	294.771	---	---	1983
1984	294.987	294.680	294.840	295.579	295.721	295.694	295.459	295.212	295.010	295.024	---	---	---	1984
1985	295.100	295.020	295.418	295.839	295.702	295.647	295.568	295.628	295.672	295.709	295.680	295.641	295.555	1985
1986	295.376	295.400	295.702	295.935	295.892	295.709	295.752	295.704	295.605	295.628	295.684	295.554	295.663	1986
1987	295.362	295.622	295.748	295.971	295.660	295.570	295.453	295.510	295.683	295.496	295.387	---	---	1987
1988	---	---	---	295.761	295.732	295.555	295.197	294.786	294.440	294.319	294.209	294.115	---	1988
1989	293.969	---	293.527	295.362	295.673	295.620	295.392	295.037	294.745	294.467	294.395	294.305	---	1989
1990	294.229	294.032	294.685	295.866	295.735	295.789	295.714	295.333	295.017	294.843	294.757	294.740	295.067	1990
MEAN	294.871	294.951	295.087	295.711	295.740	295.603	295.532	295.372	295.236	295.137	295.132	294.931	295.428	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 31 37 N DRAINAGE AREA, 889 km²
LONG 098 16 49 W REGULATED SINCE 1964

R - REVISED SINCE JAN 01 1988

REMARKS - PREV TO 86 PUBLISHED AS "STEPHENFIELD RESERVOIR NEAR STEPHENFIELD". ADDITIONAL DATA DURING 1965-84 PROVIDED BY MAN. WRB

STEPHENFIELD LAKE NEAR STEPHENFIELD - STATION NO. 050F008

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1964	---	295.965 ON APR 13	---	1964
1965	---	296.701 ON APR 14	---	1965
1966	---	296.381 ON APR 02	---	1966
1967	---	296.183 ON APR 20	---	1967
1969	---	296.732 ON APR 12	---	1969
1970	---	296.951 ON APR 29	---	1970
1971	---	296.519 ON APR 10	---	1971
1972	---	296.122 ON APR 10	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	295.949 ON APR 29	---	1975
1976	---	296.351 ON APR 09	---	1976
1977	---	295.918 ON MAY 19	294.330 ON FEB 22	1977
1978	---	296.177 ON APR 11	---	1978
1979	297.150 AT 0930 CST ON APR 22 *	297.094A ON APR 22 *	295.106 ON APR 11	1979
1980	295.976 AT 1305 CST ON APR 07	295.963 ON APR 07	---	1980
1981	295.919 AT 1317 CST ON JUN 24	295.846 ON JUN 25	---	1981
1982	295.854 AT 1440 CST ON APR 13	295.849 ON APR 13	---	1982
1983	296.285 AT 1228 CST ON APR 09	296.256 ON APR 09	294.498 ON MAR 05	1983
1984	295.775 AT 0411 CST ON JUN 09	295.767 ON JUN 09	---	1984
1985	296.148 AT 1637 CST ON MAR 25	296.123 ON MAR 26	294.998 ON MAR 02	1985
1986	296.441 AT 1358 CST ON MAR 29	296.407 ON MAR 29	295.299 ON JAN 21	1986
1987	296.622 AT 1316 CST ON APR 06	296.549 ON APR 06	295.302 ON AUG 10	1987
1988	295.927 AT 1632 CST ON APR 04	295.924 ON APR 04	---	1988
1989	296.006 AT 1340 CST ON APR 16	295.973 ON APR 16	293.444 ON MAR 25 *	1989
1990	296.197 AT 1652 CST ON APR 01	296.158 ON APR 01	293.785 ON MAR 07	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SWAN LAKE NEAR NOVRA - STATION NO. 05LE007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	259.120	259.173	258.930	258.838	259.042	259.211	259.059	---	1952
1953	258.934	258.912	258.911	258.852	259.061	259.375	259.852	259.618	259.486	259.295	259.081	259.026	259.203	1953
1954	258.878	258.674	258.595	258.736	259.322	258.899	259.888	259.463	259.284	---	---	---	---	1954
1976	---	---	---	---	---	---	259.319	259.025	---	---	---	---	---	1976
1977	---	---	---	---	---	258.600	259.616	258.580	258.876	258.982	---	---	---	1977
1978	---	---	---	---	259.090	258.972	258.801	258.619	258.566	258.559	---	---	---	1978
1979	---	---	---	---	259.622	259.868	259.445	259.007	258.792	258.658	---	---	---	1979
1980	---	---	---	---	258.607	258.578	258.520	258.457	258.564	258.611	---	---	---	1980
1981	---	---	---	258.572	258.712	258.650	258.593	258.594	258.517	258.541	---	---	---	1981
1982	---	---	---	---	---	---	---	---	258.784	---	---	---	---	1982
1983	---	---	---	---	259.606	259.654	259.613	259.376	259.069	258.929	---	---	---	1983
1984	---	---	---	---	259.384	259.594	259.367	259.004	258.787	258.753	---	---	---	1984
1985	---	---	---	---	259.408	259.234	259.051	258.937	258.852	258.825	---	---	---	1985
1986	---	---	---	259.032	259.456	259.285	259.084	258.889	258.709	258.678	---	---	---	1986
1987	---	---	---	---	---	258.944	258.897	258.834	258.719	258.668	---	---	---	1987
1988	---	---	---	---	260.304	259.805	259.242	258.902	258.726	258.600	---	---	---	1988
1989	---	---	---	---	258.537	258.527	258.444	258.384	258.449	258.445	---	---	---	1989
1990	---	---	---	---	259.437	259.366	259.156	258.872	258.694	258.566	---	---	---	1990
MEAN	258.906	258.793	258.753	258.798	259.273	259.217	259.121	258.917	258.807	258.743	259.146	259.043	259.203	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

LOCATION - LAT 52 32 00 N DRAINAGE AREA, 10 000 km²
LONG 100 52 00 W

SWAN LAKE NEAR NOVRA - STATION NO. 05LE007

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1952	---	---	---	1952
1953	---	259.952 ON JUL 13	258.815 ON APR 28	1953
1954	---	260.177 ON JUL 25	---	1954
1976	---	259.427 ON JUL 03	---	1976
1977	---	---	---	1977
1978	259.306 AT 1800 CST ON MAY 14	259.235 ON MAY 14	---	1978
1979	259.998 AT 2006 CST ON JUN 12	259.961 ON JUN 08	---	1979
1980	258.805 AT 1302 CST ON MAY 28	258.670 ON MAY 28	---	1980
1981	258.967 AT 1358 CST ON APR 21	258.756 ON MAY 15	---	1981
1982	259.084 AT 1442 CST ON AUG 11	259.029 ON AUG 06	---	1982
1983	259.844 AT 2237 CST ON JUL 16	259.764 ON MAY 25	---	1983
1984	259.662 AT 1758 CST ON JUN 29	259.627 ON JUN 11	---	1984
1985	259.531 AT 1804 CST ON MAY 05	259.475 ON MAY 08	---	1985
1986	259.597 AT 1047 CST ON MAY 22	259.540 ON MAY 21	---	1986
1987	259.190 AT 1939 CST ON MAY 01	259.176 ON MAY 01	---	1987
1988	260.530 AT 1913 CST ON MAY 14	260.505 ON MAY 13	---	1988
1989	258.746 AT 1813 CST ON MAY 10	258.598 ON MAY 10	258.322 ON JUL 26 *	1989
1990	259.683 AT 1844 CST ON MAY 27	259.574 ON MAY 24	258.491 ON OCT 27	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1962 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SWAN LAKE NEAR SWAN LAKE - STATION NO. 050B018

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	0.579	1.008	1.056	1.165	1.083	0.913	0.739	0.716	---	---	1962
1963	---	---	---	---	---	1.120	1.201	1.022	0.723	0.546	---	---	---	1963
1964	---	---	---	---	1.125	0.733	0.759	---	---	---	---	---	---	1964
1965	---	---	---	---	1.587	1.246	0.882	0.695	0.674	0.551	---	---	---	1965
1966	---	---	---	---	---	0.973	---	0.578	0.405	0.349	---	---	---	1966
1967	---	---	---	---	---	0.887	0.564	0.418	0.288	0.255	---	---	---	1967
1968	---	---	---	---	0.575	0.473	0.463	0.708	---	1.350	---	---	---	1968
1969	---	---	---	---	2.106	1.429	1.173	1.098	0.835	0.648	---	---	---	1969
1970	---	---	---	---	2.265	1.902	1.579	1.158	0.803	0.539	---	---	---	1970
1971	---	---	---	---	1.878	1.331	1.491	1.288	0.847	0.601	---	---	---	1971
1972	---	---	---	---	1.586	1.208	1.309	0.972	0.656	---	---	---	---	1972
1973	---	---	---	---	0.422	0.494	0.791	0.834	0.739	---	---	---	---	1973
1974	---	---	---	---	---	2.045	1.322	1.000	0.744	0.556	---	---	---	1974
1975	---	---	---	---	---	1.519	1.165	0.716	0.546	---	---	---	---	1975
1976	---	---	---	---	---	---	0.984	0.689	0.457	---	---	---	---	1976
1977	---	---	---	---	---	0.389	0.420	0.380	0.392	0.406	0.379	0.420	---	1977
1978	0.456	0.474	---	---	1.105	0.999	0.963	0.714	0.544	0.454	---	---	---	1978
1979	---	---	---	---	---	1.552	1.077	0.885	0.646	0.493	0.451	---	---	1979
1980	---	---	---	---	0.659	0.491	0.433	0.396	0.398	0.399	---	---	---	1980
1981	---	---	0.784	1.100	0.785	0.643	0.647	0.618	0.640	0.649	---	---	---	1981
1982	---	---	---	1.460	1.641	1.476	1.371	0.977	0.651	0.585	---	---	---	1982
1983	---	---	---	---	1.354	0.904	0.735	0.580	0.488	0.474	---	---	---	1983
1984	---	---	---	0.627	0.667	0.627	0.472	0.351	---	---	---	---	---	1984
1985	---	---	---	---	---	---	0.671	0.650	0.546	0.453	---	---	---	1985
1986	---	---	---	1.505	1.523	1.198	1.172	0.949	0.599	0.503	---	---	---	1986
1987	---	---	---	2.093	1.641	0.896	0.567	0.625	0.806	0.676	---	---	---	1987
1988	---	---	0.629	0.646	0.540	0.403	0.278	0.131	0.023	-0.005	---	---	---	1988
1989	---	---	---	0.542	0.905	0.762	0.685	0.569	0.523	0.474	---	---	---	1989
1990	---	---	0.558	1.068	0.921	0.835	0.819	---	0.626	0.563	---	---	---	1990
MEAN	0.456	0.474	0.657	1.069	1.215	1.022	0.899	0.744	0.597	0.533	0.515	0.420	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 49 21 20 N DRAINAGE AREA, 4 890 km²
LONG 098 54 00 W

SWAN LAKE NEAR SWAN LAKE - STATION NO. 050B018

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	1.192 ON JUL 09	---	1962
1963	---	1.274 ON JUN 29	---	1963
1964	---	1.241 ON MAY 03	---	1964
1965	1.689 AT 1800 CST ON MAY 11	1.670 ON MAY 11	---	1965
1966	1.311 AT 2130 CST ON MAY 09	1.311 ON MAY 09	---	1966
1967	---	---	---	1967
1968	---	1.695 ON SEP 18	---	1968
1969	---	---	---	1969
1970	2.384 AT 2235 CST ON MAY 09	2.377 ON MAY 10	---	1970
1971	---	2.533 ON APR 23	---	1971
1972	---	---	---	1972
1973	0.914 AT 0547 CST ON JUL 29	0.911 ON JUL 29	---	1973
1974	---	---	---	1974
1975	---	2.484 ON MAY 09	---	1975
1976	---	2.957 ON APR 17 *	---	1976
1977	0.460 AT 1628 CST ON JUN 2	0.454 ON JUN 21	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	1.168 AT 2017 CST ON APR 11	1.160 ON APR 11	---	1981
1982	1.951 AT 0016 CST ON APR 28	1.948 ON APR 28	0.557 ON SEP 26	1982
1983	---	---	0.449 ON SEP 29	1983
1984	0.729 AT 0036 CST ON MAY 24	0.690 ON MAY 16	---	1984
1985	1.628 AT 1130 CST ON APR 02	1.625 ON APR 02	---	1985
1986	1.620 AT 1648 CST ON MAY 09	1.603 ON MAY 07	0.476A ON NOV 03	1986
1987	2.597 AT 0028 CST ON APR 16 *	2.595 ON APR 15	0.422 ON AUG 12	1987
1988	0.706 AT 1345 CST ON APR 11	0.693 ON APR 07	---	1988
1989	0.981 AT 1429 CST ON MAY 04	0.976 ON MAY 02	0.028 ON MAR 28 *	1989
1990	1.171 AT 1402 CST ON APR 12	1.170 ON APR 12	0.512E ON MAR 01	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VALLEY RIVER ABOVE GILBERT PLAINS DAM - STATION NO. 051J812

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	381.292	381.262	381.287	---	---	---	380.915	380.861	380.691	380.860	381.304	381.376	---	1986
1987	---	---	---	---	380.244	380.677	380.821	380.691	---	380.894	381.151	381.246	---	1987
1988	---	---	---	---	380.271	380.884	380.600	380.704	380.764	381.150	---	---	---	1988
1989	---	---	---	---	380.798	---	380.792	380.737	380.795	381.119	---	---	---	1989
1990	---	---	---	---	---	---	380.783	---	---	---	---	---	---	1990
MEAN	381.292	381.262	381.287	---	380.438	380.781	380.782	380.748	380.750	381.006	381.228	381.311	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 09 10 N DRAINAGE AREA, 2 060 km²
LONG 100 29 33 W REGULATED SINCE 1980DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

VALLEY RIVER ABOVE GILBERT PLAINS DAM - STATION NO. 05LJ812

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1986	---	---	---	1986
1987	---	---	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

VERMILION RESERVOIR NEAR DAUPHIN - STATION NO. 05LJ046

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	DRY	DRY	DRY	---	388.788	388.413	388.021	387.626	387.751	387.812	387.786	387.663	---	1979
1980	387.454	---	---	387.885	388.316	388.310	388.332	388.356	388.351	388.266	388.192	388.330	---	1980
1981	388.233	388.202	388.379	388.426	388.415	388.470	388.357	388.308	388.278	388.344	388.364	388.297	388.340	1981
1982	---	---	---	388.483	388.443	388.362	388.321	388.349	388.248	388.231	388.312	387.893	---	1982
1983	387.445	386.909	386.442	---	387.383	388.238	---	385.870	385.027	385.240	385.644	385.682	---	1983
1984	385.596	385.572	---	---	388.490	388.380	388.239	387.872	387.509	387.784	387.860	388.017	---	1984
1985	388.445	388.605	388.427	388.598	387.140	387.339	386.914	387.865	388.381	388.249	387.203	388.063	387.931	1985
1986	388.342	388.227	388.171	388.626	388.503	387.543	387.924	387.722	387.024	387.079	386.959	386.772	387.739	1986
1987	386.461	386.066	385.926	388.102	388.281	387.863	387.308	386.721	386.658	387.304	388.003	387.690	387.203	1987
1988	387.060	386.214	385.504	388.138	388.616	388.362	388.339	388.294	388.286	388.315	388.211	387.842	387.768	1988
1989	387.408	386.965	386.387	387.596	388.343	388.407	388.208	388.338	388.147	386.039	386.512	385.789	387.344	1989
1990	385.769	385.954	386.173	387.686	388.610	388.454	388.360	387.965	387.340	387.022	386.184	385.561	387.096	1990
MEAN	---	---	---	---	388.277	388.178	388.029	387.774	387.583	387.474	387.436	387.300	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 02 45 N DRAINAGE AREA, 371 km²
LONG 100 10 05 W REGULATED SINCE 1979

--- - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

VERMILION RESERVOIR NEAR DAUPHIN - STATION NO. 05LJ046

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	389.480 AT 0832 CST ON MAY 17	389.434 ON MAY 17	DRY ON JAN 01 *	1979
1980	388.550 AT 1226 CST ON APR 19	388.545 ON APR 18	---	1980
1981	388.666 AT 2228 CST ON MAY 06	388.643 ON JUN 16	---	1981
1982	388.876 AT 0257 CST ON APR 28	388.639 ON APR 19	388.147 ON FEB 14	1982
1983	389.288 AT 0159 CST ON APR 25	389.189 ON APR 25	387.676 ON DEC 11	1983
1984	---	---	384.992 ON SEP 22	1984
1985	389.003 AT 1031 CST ON APR 20	388.988 ON APR 20	---	1985
1986	389.584 AT 0608 CST ON MAY 06 *	389.492 ON MAY 06 *	385.544A ON MAY 27	1986
1987	388.755 AT 0507 CST ON APR 10	388.739 ON APR 10	386.645 ON DEC 11	1987
1988	389.446 AT 0311 CST ON MAY 03	389.333 ON MAY 03	385.845 ON MAR 17	1988
1989	388.961 AT 2010 CST ON JUN 13	388.893 ON JUN 14	385.371 ON MAR 20	1989
1990	389.160 AT 0943 CST ON APR 24	389.131 ON APR 24	385.680 ON DEC 30	1990
			385.536 ON DEC 09	

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WANIPIGOW LAKE NEAR BISSETT (CAMPGROUND) - STATION NO. 05RA802

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	230.463	---	---	---	---	---	---	---	1988
1989	---	---	---	---	---	---	230.592	230.364	---	---	---	---	---	1989
1990	---	---	---	---	---	230.860	230.732	230.451	---	---	---	---	---	1990
MEAN	---	---	---	---	---	230.661	230.662	230.408	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 05 28 N DRAINAGE AREA, 1 430 km²
LONG 095 59 09 W REGULATED SINCE 1917DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

WANIPIGOW LAKE NEAR BISSETT (CAMPGROUND) - STATION NO. 05RA802

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	230.945 ON JUN 13 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATERHEN LAKE AT SKOWNAN - STATION NO. 05LH008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	252.035	251.980	251.948	252.007	252.199	252.152	252.047	252.017	252.013	252.044	251.943	252.069	252.047	1977
1978	252.096	252.056	252.000	252.031	252.145	252.113	252.085	252.062	252.080	252.057	251.924	252.046	252.026	1978
1979	251.918	251.864	251.862	251.917	252.108	252.499	252.492	252.363	252.249	252.193	252.207	252.268	252.164	1979
1980	252.276	252.249	252.205	252.202	252.239	252.109	251.966	251.870	251.825	251.789	251.785	251.783	252.024	1980
1981	251.887	251.865	---	---	---	252.186	252.190	252.178	251.635	251.661	251.634	251.636	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	251.708	---	251.648	251.675	252.049	252.445	252.298	252.249	252.165	252.124	252.094	252.132	---	1983
1984	252.128	252.113	---	252.251	252.437	252.430	252.369	252.249	252.172	252.169	252.162	252.216	---	1984
1985	252.258	252.258	252.230	252.245	252.336	252.349	252.251	252.187	252.204	252.165	252.123	252.119	252.227	1985
1986	252.228	252.228	252.206	252.215	252.301	252.389	252.274	252.209	252.136	252.090	252.057	252.050	252.182	1986
1987	252.111	252.110	252.084	252.151	252.205	252.205	252.099	252.218	252.200	252.198	251.988	251.962	252.083	1987
1988	251.981	251.981	---	---	410	252.141	252.181	252.198	252.100	252.017	251.962	251.973	---	1988
1989	---	---	---	---	252.002	252.197	252.186	252.175	252.170	252.173	251.756	251.678	---	1989
1990	---	---	---	---	251.987	252.225	252.196	252.067	251.967	251.879	251.840	251.794	---	1990
MEAN	252.030	252.048	252.017	252.073	252.169	252.222	252.149	252.049	252.009	251.978	251.947	251.975	252.108	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

LOCATION - LAT 51 58 20 N LONG 099 35 20 W DRAINAGE AREA, 55 000 km²

WATERHEN LAKE AT SKOWNAN - STATION NO. 05LH008

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1958	---	252.179 ON MAY 13	251.686 ON OCT 18	1958
1959	---	252.060 ON JUN 29	251.463 ON MAR 07	1959
1960	---	252.353 ON JUN 09	251.853 ON APR 06	1960
1961	---	252.036 ON MAY 24	251.420 ON DEC 26	1961
1962	---	251.695 ON JUN 20	251.356 ON DEC 24	1962
1963	---	251.625 ON JUL 06	251.256 ON NOV 14	1963
1964	---	251.475 ON MAY 21	251.241 ON APR 13	1964
1965	---	251.957 ON JUL 02	---	1965
1966	---	252.156 ON DEC 08	251.725 ON APR 11	1966
1967	---	252.505 ON JUN 20	---	1967
1968	---	252.347 ON MAY 15	251.972 ON NOV 18	1968
1969	---	252.173 ON JUN 26	251.871 ON APR 05	1969
1970	---	252.347 ON DEC 14	251.664 ON APR 16	1970
1971	---	252.515 ON MAY 22	252.137 ON NOV 18	1971
1972	---	252.457 ON JUN 02	251.975 ON NOV 16	1972
1973	---	252.298 ON JUL 02	251.820 ON MAR 23	1973
1974	---	252.576 ON JUN 08	252.006 ON FEB 26	1974
1975	---	252.539 ON MAY 29	252.155 ON SEP 24	1975
1976	---	252.460 ON JUN 17	---	1976
1977	---	252.246 ON MAY 27	251.935 ON MAR 11	1977
1978	---	252.344 ON MAY 16	251.811 ON OCT 16	1978
1979	---	252.591 ON JUN 20	251.850 ON MAR 01	1979
1980	---	252.417A ON APR 19	251.750 ON OCT 29	1980
1981	252.268 AT 2330 CST ON JUN 17	252.014 ON JUN 25	---	1981
1982	252.150 AT 2215 CST ON JUN 06	252.021 ON JUN 07	---	1982
1983	252.460 AT 2151 CST ON AUG 09	252.325 ON JUL 20	---	1983
1984	252.662 AT 1822 CST ON APR 27	252.510 ON APR 27	---	1984
1985	---	252.440E ON JUN 28	252.098 ON OCT 30	1985
1986	252.563 AT 1440 CST ON JUN 03	252.457 ON MAY 30	252.034 ON OCT 09	1986
1987	252.405 AT 2251 CST ON JUN 02	252.247 ON JUN 07	251.933 ON OCT 02	1987
1988	252.598 AT 2334 CST ON MAY 22	252.526 ON JUN 01	---	1988
1989	252.220 AT 1033 CST ON MAY 25	252.127 ON MAY 25	251.623 ON DEC 28	1989
1990	252.383 AT 2312 CST ON JUN 27	252.292 ON JUN 02	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEAVER LAKE AT OUTLET - STATION NO. 05RE002

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MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	27.957	27.917	27.861	28.041	29.195	29.344	29.080	28.917	28.807	28.815	27.990	27.996	---	1968
1969	28.319	28.168	28.058	28.339	29.039	29.030	28.797	29.300	28.556	29.419	28.991	28.585	---	1969
1970	---	---	---	27.934	28.537	28.424	28.468	28.326	28.104	28.210	28.450	---	---	1970
1971	---	---	---	28.292	29.343	28.674	28.548	28.307	28.131	28.046	28.259	---	---	1971
1972	---	---	---	28.069	29.660	28.919	28.539	28.069	27.887	27.854	27.901	---	---	1972
1973	---	---	---	28.068	28.853	28.682	28.498	28.140	27.952	28.128	28.370	28.353	---	1973
1974	---	28.056	28.020	28.075	29.341	29.052	28.312	27.952	27.915	28.103	28.229	---	---	1974
1975	---	---	---	27.952	28.803	29.030	28.818	28.681	29.102	28.896	28.516	---	---	1975
1976	---	---	---	---	---	---	28.163	27.848	29.122	28.693	28.516	---	---	1976
1977	---	27.715	27.702	27.834	---	---	28.460	28.375	29.337	28.607	---	---	---	1977
1978	28.057	27.970	27.912	27.949	28.640	28.674	28.537	28.366	28.276	28.695	28.435	28.209	---	1978
1979	28.197	28.053	27.992	28.100	29.343	28.854	28.899	28.202	28.001	28.012	28.124	28.446	28.357	1979
1980	28.078	28.024	27.969	28.064	28.700	28.276	27.977	27.916	28.038	28.232	28.256	28.121	28.138	1980
1981	28.018	27.938	27.874	27.916	28.315	---	---	---	---	---	---	---	---	1981
1982	---	28.071	---	28.077	29.237	29.090	28.663	28.292	28.127	28.129	28.257	28.225	---	1982
1983	28.126	28.045	27.999	28.033	29.063	29.097	29.151	28.618	28.154	27.981	---	---	---	1983
1984	---	---	---	28.090	28.713	28.726	28.602	28.232	27.952	28.106	---	---	---	1984
1985	---	---	---	28.089	29.060	28.904	28.670	28.340	28.334	28.487	28.551	28.327	---	1985
1986	28.149	28.051	27.986	28.439	29.381	28.832	28.572	28.031	27.986	28.072	28.183	28.177	28.296	1986
1987	28.121	28.046	28.008	28.532	29.019	28.710	28.572	28.102	28.146	28.037	28.040	27.980	28.254	1987
1988	27.908	27.871	27.851	27.981	28.381	28.467	28.113	27.856	28.146	28.037	27.726	27.709	27.946	1988
1989	27.701	27.693	27.700	27.709	27.793	28.170	28.330	28.214	28.099	28.103	28.349	28.154	28.003	1989
1990	28.012	27.957	27.922	28.225	29.667	29.122	28.542	28.106	27.852	27.748	27.721	27.722	28.218	1990
MEAN	28.054	27.972	27.923	28.082	28.956	28.854	28.509	28.261	28.205	28.232	28.293	28.152	28.203	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 52 46 40 N DRAINAGE AREA, 6 850 km²
LONG 096 45 10 W NATURAL FLOW

WEAVER LAKE AT OUTLET - STATION NO. 05RE002

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	28.694 AT 1832 CST ON MAY 23	28.691 ON MAY 23	27.892 ON APR 20	1970
1971	29.547 AT 2220 CST ON MAY 10	29.541 ON MAY 09	27.959 ON APR 11	1971
1972	29.922 AT 1630 CST ON MAY 11	29.916 ON MAY 11	---	1972
1973	29.035 AT 1000 CST ON MAY 22	28.977 ON MAY 21	---	1973
1974	29.468 AT 1000 CST ON MAY 27	29.465 ON MAY 26	27.831 ON AUG 26	1974
1975	29.163 AT 1134 CST ON SEP 22	29.148 ON SEP 14	---	1975
1976	---	---	---	1976
1977	28.773 AT 1306 CST ON JUL 22	28.767 ON JUL 23	---	1977
1978	28.868 AT 1113 CST ON MAY 30	28.846 ON MAY 30	27.898 ON MAR 28	1978
1979	30.103 AT 1328 CST ON JUN 08 *	30.071 ON JUN 08 *	27.948 ON APR 13	1979
1980	28.803 AT 0420 CST ON MAY 18	28.789 ON MAY 13	27.839 ON AUG 21	1980
1981	29.465 AT 1136 CST ON MAY 15	29.080A ON JUL 05	---	1981
1982	29.398 AT 0128 CST ON MAY 30	29.438 ON MAY 15	---	1982
1983	28.896 AT 2211 CST ON MAY 31	29.367 ON MAY 30	27.924 ON OCT 17	1983
1984	---	28.854 ON JUN 03	---	1984
1985	29.235 AT 1906 CST ON MAY 17	29.220 ON MAY 17	27.925 ON APR 12	1985
1986	29.496 AT 0826 CST ON MAY 15	29.479 ON MAY 14	27.960 ON SEP 07	1986
1987	29.265 AT 0910 CST ON MAY 01	29.257 ON MAY 01	27.939 ON DEC 31	1987
1988	28.663 AT 1854 CST ON JUN 07	28.630 ON JUN 07	27.698 ON OCT 23	1988
1989	28.463 AT 1838 CST ON JUL 02	28.451 ON JUL 01	27.687A ON FEB 03 *	1989
1990	29.785 AT 2146 CST ON MAY 12	29.778 ON MAY 13	27.696 ON OCT 27	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEKUSKO LAKE AT BERRY BAY WHARF - STATION NO. 05TB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	255.741	255.600	255.427	255.273	255.172	---	---	---	1956
1959	---	---	---	---	---	---	255.503	255.280	255.096	255.026	255.018	---	---	1959
1960	---	---	---	---	---	255.526	255.312	---	---	254.788	254.738	---	---	1960
1961	---	---	---	---	254.786	254.829	254.717	254.625	254.528	254.471	254.539	---	---	1961
1962	---	---	---	---	---	---	255.140	---	254.878	254.841	---	---	---	1962
1963	---	---	---	---	255.131	255.289	---	255.022	---	---	---	---	---	1963
1964	---	---	---	---	---	---	254.985	---	---	---	---	---	---	1964
1965	---	---	---	---	255.494	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	255.805	---	255.276	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	254.925	---	---	---	1967
1968	---	---	---	---	255.262	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	255.223	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	254.870	254.865	254.849	254.828	254.953	255.068	---	---	255.139	255.100	255.125	255.117	---	1977
1978	255.108	255.053	255.015	254.019	255.076	255.170	255.121	255.025	254.968	255.061	255.172	255.142	255.078	1978
1979	255.114	255.082	255.047	255.050	255.219	255.680	255.554	255.323	255.090	254.988	254.952	254.918	255.169	1979
1980	254.898	254.895	254.872	254.841	254.896	---	254.785	254.712	254.855	255.028	255.024	254.987	---	1980
1981	254.954	254.911	254.889	254.863	255.019	255.095	255.120	254.955	254.784	254.801	254.919	---	---	1981
1982	254.929	254.910	254.890	254.867	255.199	255.287	255.146	255.009	254.873	254.805	254.785	254.779	254.957	1982
MEAN	254.979	254.953	254.927	254.911	255.114	255.299	255.183	255.118	254.948	254.945	254.919	254.989	255.068	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 54 47 00 N DRAINAGE AREA, 5 040 km²
LONG 099 58 00 W

WEKUSKO LAKE AT BERRY BAY WHARF - STATION NO. 05TB003

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1956	---	255.849 ON JUN 09	---	1956
1959	---	---	---	1959
1960	---	255.572 ON JUN 12	---	1960
1961	---	254.868 ON JUN 09	---	1961
1962	---	254.416 ON MAY 31	---	1962
1963	---	255.319 ON JUN 01	---	1963
1964	---	255.252 ON OCT 13	---	1964
1965	---	255.870 ON JUN 12	---	1965
1966	---	256.130 ON JUL 15	---	1966
1967	---	255.425 ON JUN 11	---	1967
1968	---	255.489 ON JUN 02	---	1968
1969	---	255.380 ON OCT 19	---	1969
1970	---	255.578 ON JUL 12	---	1970
1971	---	255.288 ON MAY 21	---	1971
1972	---	255.517 ON JUL 18	---	1972
1973	---	255.480 ON JUN 18	---	1973
1974	---	255.465 ON JUN 02	254.770 ON NOV 27	1974
1975	---	255.395 ON JUL 01	---	1975
1976	---	255.288 ON JUL 28	254.779 ON MAY 27	1976
1977	---	255.154 ON SEP 20	254.816 ON APR 14	1977
1978	---	255.197 ON NOV 20	254.953 ON SEP 16	1978
1979	---	255.732 ON JUN 16	254.897 ON DEC 11	1979
1980	255.071 AT 0217 CST ON OCT 30	255.057 ON OCT 23	254.678 ON AUG 21 *	1980
1981	255.221 AT 1040 CST ON JUL 02	255.203 ON JUL 03	---	1981
1982	255.349 AT 2243 CST ON JUN 03	255.334 ON JUN 04	254.702 ON NOV 01	1982

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HAWK LAKE AT WEST HAWK LAKE (CAMPGROUND) - STATION NO. 05PG803

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	332.643	332.517	332.449	---	---	---	---	---	1983
1984	---	---	---	---	---	332.671	332.608	332.489	---	---	---	---	---	1984
1985	---	---	---	---	---	332.652	332.587	332.567	---	332.298	---	---	---	1985
1986	---	---	---	---	332.753	332.564	332.524	332.461	---	---	---	---	---	1986
1987	---	---	---	332.473	332.554	332.599	332.610	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	332.411	---	---	---	---	---	---	1988
1989	---	---	---	---	---	---	332.814	332.759	332.657	---	---	---	---	1989
1990	---	---	---	---	332.610	332.931	332.827	332.493	332.367	332.273	---	---	---	1990
MEAN	---	---	---	332.473	332.639	332.677	332.612	332.536	332.512	332.286	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 44 45 N DRAINAGE AREA, 154 km²
LONG 095 12 41 W REGULATED SINCE 1966DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1971-82 AVAILABLE FROM MANITOBA WATER RESOURCES BRANCH

WEST HAWK LAKE AT WEST HAWK LAKE (CAMPGROUND) - STATION NO. 05PG803

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	332.762 ON MAY 16	---	1983
1984	---	---	---	1984
1985	---	332.763 ON MAY 17 *	---	1985
1986	---	---	---	1986
1987	---	332.663 ON JUN 22	---	1987
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITE LAKE AT WHITE LAKE CAMPGROUND - STATION NO. 05PG811

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	305.691	305.716	---	---	---	---	---	1988
1989	---	---	---	---	---	---	305.689	305.606	---	---	---	---	---	1989
1990	---	---	---	---	---	305.813	305.781	305.673	305.587	305.507	305.491	---	---	1990
MEAN	---	---	---	---	---	305.813	305.720	305.665	305.587	305.507	305.491	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 02 03 N DRAINAGE AREA, 930 km²
LONG 095 30 48 W REGULATED SINCE 1966DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

WHITE LAKE AT WHITE LAKE CAMPGROUND - STATION NO. 05PG811

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	---	---	1988
1989	---	---	---	1989
1990	---	305.893 ON JUL 05 *	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEMOUTH LAKE NEAR THE OUTLET - STATION NO. 05PH005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	343.662	343.668	343.604	343.573	343.512	343.530	343.571	---	---	---	1977
1978	---	---	---	---	343.913	343.870	343.819	343.738	343.689	343.647	---	---	---	1978
1979	---	---	---	---	343.940	343.964	343.890	343.848	343.812	343.756	---	---	---	1979
1980	---	---	---	343.870	343.790	343.647	343.561	343.540	343.549	343.556	---	---	---	1980
1981	---	---	---	343.622	343.594	343.601	343.588	343.576	343.653	343.722	---	---	---	1981
1982	---	---	---	---	343.978	343.988	344.008	343.993	343.941	344.007	---	---	---	1982
1983	---	---	---	---	344.171	344.195	344.157	344.038	343.985	---	---	---	---	1983
1984	---	---	---	344.021	344.004	344.049	344.046	343.957	343.847	343.867	---	---	---	1984
1985	---	---	---	---	344.011	344.013	344.006	344.009	344.056	---	---	---	---	1985
1986	---	---	---	---	344.505	344.458	344.454	344.403	344.360	344.350	---	---	---	1986
1987	---	---	---	---	344.386	344.322	344.265	344.215	344.115	344.061	---	---	---	1987
1988	---	---	---	---	344.007	343.901	343.900	343.827	343.773	343.749	---	---	---	1988
1989	---	---	---	---	343.889	---	---	344.010	344.003	343.947	---	---	---	1989
1990	---	---	---	343.997	343.997	343.996	344.104	343.997	343.878	343.826	---	---	---	1990
MEAN	---	---	---	343.834	343.990	343.970	343.952	343.905	343.871	343.838	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 49 16 40 N DRAINAGE AREA, 294 km²
LONG 095 41 50 W REGULATED

WHITEMOUTH LAKE NEAR THE OUTLET - STATION NO. 05PH005

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1977	343.787 AT 0329 CST ON MAY 15	343.717 ON MAY 15	---	1977
1978	343.973 AT 1029 CST ON MAY 26	343.939 ON MAY 15	---	1978
1979	344.075 AT 1438 CST ON JUN 13	344.031 ON JUN 13	---	1979
1980	343.891 AT 1327 CST ON APR 13	343.885 ON APR 21	343.488 ON SEP 16 *	1980
1981	343.794 AT 1326 CST ON JUN 17	343.763 ON OCT 12	343.526 ON SEP 03	1981
1982	344.153 AT 0145 CST ON JUL 05	344.052 ON AUG 02	---	1982
1983	344.300 AT 0123 CST ON JUN 22	344.218 ON JUN 24	---	1983
1984	344.130 AT 1022 CST ON JUN 30	344.120 ON JUN 30	---	1984
1985	344.140 AT 0348 CST ON OCT 23	344.110 ON OCT 22	---	1985
1986	344.573 AT 1950 CST ON MAY 14 *	344.548 ON MAY 14 *	---	1986
1987	344.465 AT 0907 CST ON APR 28	344.439 ON APR 19	---	1987
1988	344.126 AT 1400 CST ON MAY 01	344.093 ON MAY 01	---	1988
1989	344.128 AT 0959 CST ON SEP 03	344.072 ON JUL 16	---	1989
1990	344.155 AT 0220 CST ON JUL 17	344.141 ON JUL 13	343.764A ON OCT 27	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEMOUTH LAKE NEAR VASSAR - STATION NO. 05PH004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 49 16 30 N
LONG 095 44 15 W REGULATED

WHITEMOUTH LAKE NEAR VASSAR - STATION NO. 05PH004

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	344.299 ON JUN 05	---	1963
1964	---	344.238 ON OCT 10	---	1964
1965	---	344.640 ON JUL 06	---	1965
1966	---	344.793 ON MAY 21 *	---	1966
1967	---	344.546 ON MAY 06	---	1967
1968	---	344.351 ON JUL 17	---	1968
1969	---	344.348 ON MAY 04	---	1969
1970	---	344.491 ON JUN 12	---	1970
1971	---	344.253 ON MAY 03	---	1971
1972	---	344.131 ON APR 16	---	1972
1973	---	344.086 ON OCT 23	---	1973
1974	---	344.625 ON MAY 22	---	1974
1975	---	344.284 ON MAY 07	---	1975
1976	---	344.000 ON APR 09	---	1976

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEMUD RIVER ABOVE GLADSTONE DAM - STATION NO. 05LL810

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	268.956	268.826	---	---	268.999	---	---	---	1988
1989	---	---	---	---	269.064	269.028	268.914	268.882	268.921	---	---	---	---	1989
1990	---	---	---	269.437	269.180	269.102	268.944	268.872	268.788	268.839	---	---	---	1990
MEAN	---	---	---	269.437	269.122	269.029	268.895	268.877	268.854	268.919	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 13 30 N DRAINAGE AREA, 1 980 km²
LONG 098 55 44 W REGULATED SINCE 1942DATA CONTRIBUTED BY -
MANITOBA WATER RESOURCES BRANCH

WHITEMUD RIVER ABOVE GLADSTONE DAM - STATION NO. 05LL810

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	269.267 ON MAY 10 *	267.564 ON AUG 20 *	1988
1989	---	---	---	1989
1990	---	---	---	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	495.975	---	---	---	1970
1971	---	---	---	---	---	---	496.379	496.072	496.009	---	---	---	---	1971
1972	---	---	---	---	---	---	496.343	496.343	496.266	---	---	---	---	1972
1973	---	---	---	---	---	496.249	496.268	496.263	496.229	496.210	---	---	---	1973
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	497.072	496.986	496.974	497.000	---	---	---	1976
1977	---	---	---	---	496.966	496.895	497.366	497.246	497.133	---	---	---	---	1977
1978	---	---	---	---	---	496.725	496.847	496.745	496.714	496.691	---	---	---	1978
1979	---	---	---	---	---	496.792	496.671	496.531	496.500	496.452	---	---	---	1979
1980	---	---	---	---	496.398	496.237	496.170	496.210	496.241	496.239	---	---	---	1980
1981	---	---	---	---	496.214	496.131	496.055	495.996	495.985	495.932	---	---	---	1981
1982	---	---	---	---	496.209	496.175	496.103	496.023	495.916	495.958	---	---	---	1982
1983	---	---	---	---	496.175	496.097	496.007	495.873	495.801	495.761	---	---	---	1983
1984	---	---	---	495.803	495.854	495.776	495.604	495.453	495.347	495.395	---	---	---	1984
1985	---	---	---	495.853	495.775	495.709	495.700	495.614	495.592	495.582	---	---	---	1985
1986	---	---	---	---	---	495.846	495.783	495.676	495.580	495.576	---	---	---	1986
1987	---	---	---	495.790	495.711	495.612	495.517	495.500	495.444	495.349	---	---	---	1987
1988	---	---	---	---	---	DRY	DRY	DRY	DRY	DRY	---	---	---	1988
1989	---	---	---	---	---	DRY	DRY	DRY	DRY	DRY	---	---	---	1989
1990	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	---	1990
MEAN	---	---	***	***	***	***	***	***	***	***	---	---	---	MEAN

*** - MEAN IS NOT COMPUTED DUE TO DRY PERIODS WITHIN THE MONTH

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1970	---	---	---	1971
1971	---	---	---	1971
1972	---	---	---	1972
1973	496.324 AT 0300 CST ON JUL 01	496.315 ON JUN 28	---	1973
1975	---	---	---	1975
1976	497.571 AT 1600 CST ON MAY 11 *	497.559A ON MAY 05 *	---	1975
1977	497.092 AT 0103 CST ON MAY 19	496.992 ON MAY 24	---	1976
1978	---	496.769 ON MAY 30	496.644A ON NOV 03	1977
1979	496.932 AT 1012 CST ON JUN 05	496.854 ON JUN 05	---	1978
1980	496.488 AT 1545 CST ON MAY 03	496.470 ON MAY 02	---	1979
1981	496.365 AT 0033 CST ON MAY 02	496.275 ON MAY 01	---	1980
1982	496.311 AT 0848 CST ON APR 29	496.244 ON APR 29	---	1981
1983	496.335 AT 2248 CST ON MAY 08	496.212 ON MAY 08	495.870 ON SEP 27	1982
1984	496.016 AT 1428 CST ON MAY 15	495.931 ON MAY 15	---	1983
1985	495.973 AT 0013 CST ON APR 17	495.878 ON APR 16	---	1984
1986	---	---	---	1985
1987	495.911 AT 0237 CST ON APR 19	495.848 ON APR 14	---	1986
1988	495.438 AT 0159 CST ON APR 04	495.382 ON APR 23	495.295A ON OCT 20	1987
1989	---	495.550A ON APR 08	DRY ON APR 09 *	1988
1990	---	DRY ON MAR 1	DRY ON MAR 01	1989
				1990

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	357.919	---	---	---	---	---	---	---	1984
1985	---	---	---	---	358.205	---	---	---	---	---	---	---	---	1985
1986	---	---	---	---	358.172	357.860	357.806	357.738	357.741	---	---	---	---	1986
1987	---	---	---	---	357.914	---	---	---	---	---	---	---	---	1987
1990	---	---	---	---	357.924	357.850	---	---	---	---	---	---	---	1990
MEAN	---	---	---	---	358.054	357.876	357.806	357.738	357.741	---	---	---	---	MEAN

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986
1987	---	---	---	1987
1990	---	---	---	1990

WINNIPEG RIVER AT LAC DU BONNET - STATION NO. 05PF062

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	252.478	---	250.288	---	---	250.204	---	1943
1944	250.106	250.167	250.186	250.112	250.154	250.956	251.824	251.146	251.633	250.437	---	---	---	1944
1945	---	250.424	250.380	251.135	251.772	251.020	250.332	250.207	250.091	249.962	250.137	250.249	---	1945
1946	---	250.225	250.338	250.817	251.219	250.919	250.633	250.274	249.949	249.982	250.132	250.250	---	1946
1947	250.286	250.469	250.605	250.752	250.978	251.971	251.965	250.834	250.338	250.112	250.156	250.207	250.675	1947
1948	250.249	250.324	250.352	250.474	251.415	250.730	250.152	250.260	249.968	249.894	249.984	249.999	250.317	1948
1949	250.059	---	250.070	250.175	250.328	249.969	249.761	249.641	---	250.015	250.482	250.483	---	1949
1950	250.385	250.357	250.367	250.455	251.856	252.774	252.697	252.559	252.120	250.984	250.678	250.515	251.318	1950
1951	250.690	250.784	250.814	250.881	251.508	251.296	250.861	250.723	249.996	250.984	250.678	250.515	251.318	1951
1952	250.702	250.727	250.688	250.587	250.244	249.978	250.059	250.862	250.389	250.065	249.973	250.383	250.614	1952
1953	250.149	250.155	250.148	250.313	250.313	250.795	250.720	250.542	250.211	---	---	250.141	---	1953
1954	250.165	250.231	250.404	---	---	252.597	252.523	250.942	250.497	250.514	---	253.338	---	1954
1955	253.381	254.224	254.573	254.597	254.568	254.568	254.534	254.564	254.778	254.777	254.791	254.816	254.515	1955
1956	254.813	254.823	254.824	254.837	254.841	254.844	254.815	254.725	254.750	254.754	254.792	254.736	254.796	1956
1957	254.641	254.656	254.715	254.678	254.604	254.808	254.864	254.842	254.730	254.763	254.713	254.772	254.733	1957
1958	254.768	254.786	254.615	254.542	254.468	254.457	254.606	254.413	254.374	254.604	254.785	254.815	254.602	1958
1959	254.771	254.797	254.739	254.817	254.625	254.602	254.617	254.601	254.586	254.622	254.731	254.837	254.695	1959
1960	254.846	254.769	254.776	254.769	254.711	254.551	254.499	254.520	254.609	254.665	254.733	254.758	254.684	1960
1961	254.758	254.744	254.746	254.602	254.737	254.591	254.648	254.605	254.616	254.668	254.694	254.659	254.676	1961
1962	254.700	254.708	254.731	254.722	254.799	254.685	254.664	254.613	254.567	254.597	254.707	254.769	254.689	1962
1963	254.805	254.837	254.853	254.806	254.794	254.778	254.732	254.710	254.722	254.735	254.714	254.816	254.689	1963
1964	254.859	254.845	254.796	254.813	254.824	254.810	254.640	254.759	254.795	254.846	254.716	254.819	254.793	1964
1965	254.803	254.846	---	---	---	254.709	254.662	254.722	254.766	254.814	254.786	254.853	---	1965
1966	254.907	254.921	254.939	254.941	254.903	254.807	254.760	254.790	254.859	254.821	254.819	254.819	254.857	1966
1967	254.858	254.866	254.872	254.876	254.822	254.780	---	254.787	254.780	254.734	254.807	254.834	---	1967
1968	254.842	254.861	254.823	254.691	254.695	254.825	254.751	254.716	254.705	254.743	254.819	254.819	254.774	1968
1969	254.860	254.894	254.892	254.794	254.745	254.846	254.804	254.743	254.788	254.797	254.704	---	---	1969
1970	---	---	254.935	254.914	254.924	254.943	---	---	254.789	254.899	254.940	254.942	---	1970
1971	255.031	255.067	255.031	255.073	254.994	---	254.900	254.862	---	254.936	255.071	255.073	---	1971
1972	255.056	255.067	255.079	255.072	255.015	254.885	254.809	254.913	254.889	254.930	254.994	254.941	254.971	1972
1973	255.955	254.983	254.957	---	---	254.821	254.839	254.840	254.936	255.016	254.924	254.916	---	1973
1974	255.026	255.018	255.023	255.065	255.005	254.945	254.889	254.902	254.995	254.970	254.992	254.942	254.981	1974
1975	254.999	255.035	255.059	255.037	255.000	255.000	254.929	254.887	254.871	254.865	254.863	---	---	1975
1976	254.915	255.003	255.004	254.973	---	254.916	254.948	254.948	254.865	---	254.916	254.918	---	1976
1977	254.914	254.968	254.949	254.950	254.978	254.968	254.968	254.936	254.932	254.979	254.999	254.907	254.962	1977
1978	254.995	255.015	255.036	255.032	254.979	254.992	254.997	254.976	255.024	254.959	254.846	254.851	254.975	1978
1979	254.859	254.843	254.775	254.910	254.989	254.937	254.924	254.790	254.805	254.850	254.782	254.894	254.863	1979
1980	255.014	254.998	255.009	254.972	254.957	254.913	254.883	254.952	254.923	254.884	254.883	254.951	254.945	1980
1981	254.964	254.970	254.962	254.945	254.909	254.919	254.765	254.889	254.900	254.867	254.935	254.885	254.909	1981
1982	254.929	254.968	254.963	254.959	254.938	254.924	254.933	254.946	254.896	254.922	254.946	254.958	254.940	1982
1983	---	---	---	---	---	---	---	---	---	---	254.892	254.892	---	1983
1984	---	254.953	---	---	---	---	254.889	254.823	254.831	254.828	254.845	254.935	---	1984
1985	254.926	254.919	254.900	254.863	254.955	254.982	255.002	254.914	254.958	254.991	254.960	254.955	254.944	1985
1986	254.953	254.962	254.978	254.967	254.967	254.916	254.890	254.884	254.844	254.890	254.895	254.939	254.924	1986
1987	254.918	254.950	254.941	254.844	254.870	254.900	254.894	254.832	254.836	254.866	254.881	254.844	254.881	1987
1988	254.867	254.907	254.885	254.851	254.844	254.893	254.911	254.868	254.840	254.848	254.916	254.917	254.878	1988
1989	254.910	254.894	254.900	254.808	254.929	254.941	254.938	254.867	254.835	254.863	254.858	254.903	254.888	1989
1990	254.933	254.925	254.929	254.870	254.891	254.928	254.923	254.846	254.796	254.839	254.884	254.888	254.888	1990
MEAN	253.871	253.861	253.763	253.840	253.904	253.904	253.811	253.779	253.748	253.863	254.007	253.790	254.282	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ.)

LOCATION - LAT 50 15 35 N DRAINAGE AREA, 132 000 Km²
LONG 096 03 20 W REGULATED

WINNIPEG RIVER AT LAC DU BONNET - STATION NO. 05PF062
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

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YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1943	---	---	---	1943
1944	---	252.006 ON JUL 15	249.820 ON JAN 05	1944
1945	---	251.920 ON MAY 14	249.695 ON OCT 29	1945
1946	---	251.356 ON MAY 16	249.762 ON SEP 09	1946
1947	---	252.195 ON JUL 05	249.985 ON OCT 06	1947
1948	---	251.768 ON MAY 20	249.802 ON OCT 21	1948
1949	---	250.555 ON NOV 15	249.521 ON SEP 06 *	1949
1950	---	252.819 ON JUN 28	250.210 ON DEC 03	1950
1951	---	251.756 ON MAY 19	249.881 ON AUG 13	1951
1952	---	250.805 ON JAN 24	249.787 ON JUL 01	1952
1953	---	250.988 ON JUN 12	249.906 ON MAR 09	1953
1954	---	253.395 ON DEC 09	250.073 ON JAN 02	1954
1955	---	254.965 ON DEC 26	253.094 ON JAN 03	1955
1956	---	254.956 ON MAR 03	254.584 ON SEP 21	1956
1957	---	254.941 ON JUL 27	254.423 ON JAN 17	1957
1958	---	254.959 ON NOV 11	254.203 ON SEP 16	1958
1959	---	254.950 ON APR 06	254.493 ON JUN 07	1959
1960	---	254.904 ON NOV 21	254.282 ON AUG 14	1960
1961	---	254.950 ON MAR 26	254.401 ON JUN 10	1961
1962	---	254.983 ON MAY 24	254.438 ON SEP 30	1962
1963	---	254.916 ON APR 08	254.502 ON NOV 02	1963
1964	---	254.980 ON OCT 09	254.538 ON JUL 26	1964
1965	---	254.980 ON MAR 17	254.584 ON JUL 26	1965
1966	---	254.919 ON APR 12	254.551 ON OCT 10	1966
1967	---	255.099 ON NOV 23	254.581 ON APR 18	1967
1968	---	254.962 ON JUN 05	---	1968
1969	---	---	---	1969
1970	---	255.185 ON NOV 22	254.590 ON SEP 18	1970
1971	---	252.157 ON FEB 14	254.584 ON JUL 08	1971
1972	---	254.112 ON MAR 18	---	1972
1973	---	255.200 ON MAY 21 *	254.709 ON JUL 22	1973
1974	---	---	---	1974
1975	---	255.112 ON JAN 20	254.590 ON NOV 30	1975
1976	---	---	---	1976
1977	---	255.093 ON AUG 17	254.791 ON JAN 01	1977
1978	---	255.099 ON JAN 03	254.770 ON NOV 17	1978
1979	---	255.081 ON MAY 17	254.670 ON MAR 16	1979
1980	---	255.108 ON JAN 19	254.709 ON JUL 05	1980
1981	---	252.053 ON MAR 16	254.713 ON JUL 31	1981
1982	---	255.070 ON JUL 03	254.808 ON JAN 02	1982
1983	---	---	---	1983
1984	---	255.036 ON JUN 18	---	1984
1985	---	255.138 ON NOV 02	254.763 ON MAR 24	1985
1986	---	252.074 ON JAN 19	254.667 ON SEP 19	1986
1987	---	255.002 ON MAR 05	254.678 ON DEC 05	1987
1988	---	254.997 ON MAR 24	254.647 ON MAY 16	1988
1989	---	255.033 ON JUL 12	254.603 ON APR 22	1989
1990	---	255.027 ON JAN 13	254.684 ON OCT 03	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1963 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT POINTE DU BOIS - STATION NO. 05PF001
MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	299.078	299.091	299.090	299.083	299.088	299.093	299.090	299.092	299.092	299.087	299.084	299.091	299.088	1978
1979	299.092	299.089	299.087	299.091	299.091	299.086	299.085	299.080	299.090	299.081	299.093	299.094	299.088	1979
MEAN	299.085	299.090	299.089	299.087	299.090	299.090	299.087	299.086	299.091	299.084	299.089	299.092	299.088	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 18 15 N
LONG 095 33 00 W

REGULATED

DATA CONTRIBUTED BY -
CITY OF WINNIPEG HYDRO-ELECTRIC SYSTEM

WINNIPEG RIVER AT POINTE DU BOIS - STATION NO. 05PF001
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	299.128 ON JUL 04 *	299.009 ON NOV 12	1978
1979	---	299.109 ON OCT 09	299.003 ON OCT 30 *	1979

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT TRAMWAY BRIDGE, LAC DU BONNET - STATION NO. 05PF022
MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	249.764	---	---	1915
1916	249.764	249.853	250.034	250.257	251.140	251.633	251.993	251.796	251.335	251.031	250.566	250.439	250.824	1916
1917	---	---	---	---	---	---	---	---	---	---	---	---	---	1917
1918	249.530	249.465	249.506	---	---	---	---	---	---	---	249.606	249.555	---	1918
1920	---	---	---	---	---	---	---	---	---	---	249.305	249.068	---	1920
1921	249.031	---	---	---	---	---	---	---	---	---	249.933	---	---	1921
1922	249.611	---	---	249.569	---	251.060	250.698	250.365	250.234	249.893	---	---	---	1922
1923	---	---	249.201	250.431	---	---	250.648	---	---	249.956	249.796	249.664	---	1923
1924	249.460	249.484	249.346	249.555	---	---	249.845	249.689	249.482	249.492	---	249.193	---	1924
1925	---	248.795	248.612	249.100	249.494	250.122	250.319	250.153	249.975	249.811	249.617	249.439	---	1925
1926	249.302	249.226	249.194	249.297	249.845	250.063	250.387	250.398	250.077	250.511	251.183	250.695	250.020	1926
1927	250.480	250.445	250.546	250.972	252.151	252.416	252.412	252.078	251.251	250.505	250.293	249.991	251.131	1927
1928	249.755	249.772	249.897	250.071	250.061	250.129	---	250.943	250.330	250.455	250.654	250.374	---	1928
1929	---	---	---	---	---	---	249.668	249.341	249.427	249.530	249.557	---	---	1929
1930	249.462	---	249.194	249.472	249.847	249.750	249.483	249.164	248.981	248.813	248.845	249.153	---	1930
1931	249.049	248.871	248.801	249.146	248.960	248.792	248.688	248.785	248.706	248.976	249.120	249.140	248.917	1931
1932	249.081	249.039	248.966	249.335	249.888	249.618	249.361	248.989	248.530	248.841	249.238	249.285	249.182	1932
1933	249.271	249.304	249.638	250.600	250.722	250.040	249.751	249.530	249.238	---	---	---	---	1933
MEAN	249.483	249.425	249.411	249.817	250.226	250.309	250.148	250.055	249.784	249.800	249.818	249.666	250.015	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 17 15 N
LONG 096 00 05 W REGULATED

WINNIPEG RIVER AT TRAMWAY BRIDGE, LAC DU BONNET - STATION NO. 05PF022
ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1915	---	---	---	1915
1916	---	252.109 ON JUL 25	249.750 ON JAN 07	1916
1917	---	---	---	1917
1918	---	---	---	1918
1920	---	---	---	1920
1921	---	250.683 ON JUN 03	248.930 ON MAR 08	1921
1922	---	251.430 ON MAY 25	249.265 ON APR 01	1922
1923	---	251.064 ON APR 27	249.098 ON MAR 03	1923
1924	---	250.210 ON MAY 20	249.144 ON DEC 19	1924
1925	---	250.430 ON JUL 01	248.564 ON MAR 19	1925
1926	---	251.286 ON NOV 19	249.061 ON APR 06	1926
1927	---	252.627 ON MAY 27 *	249.884 ON DEC 30	1927
1928	---	---	249.671 ON JAN 31	1928
1929	---	250.418 ON APR 01	249.198 ON AUG 07	1929
1930	---	250.143 ON MAY 16	248.741 ON OCT 10	1930
1931	---	249.381 ON APR 20	248.513 ON SEP 08	1931
1932	---	250.006 ON MAY 15	248.452 ON SEP 14 *	1932
1933	---	---	---	1933

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER AT WINNIPEG ELECTRIC DOCK, LAC DU BONNET - STATION NO. 05PF060
MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1931	---	---	---	249.108	248.924	248.738	248.638	248.693	249.607	248.918	249.065	249.094	---	1931
1932	249.034	248.998	248.928	249.308	249.865	249.607	249.354	248.943	248.449	248.774	249.197	249.269	249.145	1932
1933	249.262	249.588	249.618	250.600	250.722	250.046	249.751	249.530	248.238	249.091	249.338	249.637	249.678	1933
1934	249.736	249.723	249.774	249.965	250.604	250.797	250.884	250.629	250.316	250.074	249.985	249.983	250.209	1934
1935	249.795	249.812	249.723	249.975	250.343	250.197	250.308	250.327	250.283	250.484	250.399	250.315	250.166	1935
1936	250.247	250.271	250.331	250.196	250.521	250.516	249.954	249.582	249.448	249.546	249.553	249.528	249.973	1936
1937	249.633	249.597	249.405	249.595	250.465	250.361	250.543	250.938	250.477	249.994	249.832	249.911	250.083	1937
1938	249.881	249.831	249.775	249.847	251.183	251.947	251.657	250.157	249.639	249.791	249.723	249.842	250.285	1938
1939	249.794	---	---	249.643	249.605	249.631	249.674	249.715	249.518	249.321	249.471	249.575	---	1939
1940	249.494	249.596	249.437	249.426	249.406	249.412	249.277	248.897	248.612	248.924	249.208	249.219	249.241	1940
1941	249.220	249.118	249.105	249.463	249.885	249.855	249.512	249.469	249.904	251.251	252.202	251.693	250.105	1941
1942	251.280	250.751	250.506	250.363	250.312	250.232	249.710	249.656	250.206	250.234	250.023	250.000	250.263	1942
1943	249.885	250.007	250.181	250.391	250.920	---	---	---	---	---	---	---	---	1943
MEAN	249.772	249.727	249.708	249.837	250.213	250.128	249.938	249.711	249.558	249.744	249.833	249.839	249.915	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 15 05 N
LONG 096 02 20 W REGULATED

WINNIPEG RIVER AT WINNIPEG ELECTRIC DOCK, LAC DU BONNET - STATION NO. 05PF060

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1931	---	---	---	1931
1932	---	249.960 ON MAY 15	248.360 ON SEP 15 *	1932
1933	---	251.225 ON APR 25	248.909 ON OCT 16	1933
1934	---	250.936 ON JUL 20	249.640 ON FEB 03	1934
1935	---	250.585 ON AUG 01	249.473 ON MAR 14	1935
1936	---	250.692 ON MAY 28	249.275 ON SEP 22	1936
1937	---	251.012 ON AUG 09	249.336 ON MAR 08	1937
1938	---	252.155 ON MAY 27	249.457 ON SEP 19	1938
1939	---	---	---	1939
1940	---	249.634 ON FEB 14	248.406 ON SEP 23	1940
1941	---	252.301 ON NOV 04 *	248.970 ON FEB 24	1941
1942	---	251.469 ON JAN 01	249.558 ON AUG 27	1942
1943	---	---	---	1943

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER BELOW SLAVE FALLS - STATION NO. 05PF008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	276.400	276.213	276.226	276.215	275.756	275.903	276.346	275.849	276.210	275.893	275.745	275.872	276.051	1978
1979	275.938	275.852	275.658	275.840	276.799	276.768	275.509	274.785	274.997	275.292	275.376	275.512	275.692	1979
MEAN	276.169	276.033	275.942	276.027	276.278	276.336	275.928	275.317	275.604	275.592	275.561	275.692	275.871	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 50 14 15 N
LONG 095 33 45 W

REGULATED

DATA CONTRIBUTED BY -
CITY OF WINNIPEG HYDRO-ELECTRIC SYSTEM

WINNIPEG RIVER BELOW SLAVE FALLS - STATION NO. 05PF008

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	276.667 ON JUL 18	275.521 ON MAY 23	1978
1979	---	277.033 ON MAY 25 *	274.482 ON AUG 14 *	1979

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER HEAD WATER SEVEN SISTERS POWER PLANT - STATION NO. 05PF057

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	274.120	274.118	274.133	274.120	274.109	274.102	274.142	274.129	274.139	274.098	274.106	274.145	274.122	1978
1979	274.161	274.139	274.108	273.994	273.436	273.285	273.044	272.936	273.060	273.065	273.054	273.055	273.440	1979
1980	273.079	273.089	273.061	273.064	273.059	273.017	273.022	273.053	273.056	273.022	273.053	273.039	273.051	1980
1981	273.039	273.051	273.041	273.050	273.045	273.076	273.023	273.046	273.061	273.028	273.619	274.108	273.183	1981
1982	274.132	274.117	274.119	274.115	274.038	273.849	274.071	274.067	274.032	274.079	274.125	274.118	274.072	1982
1983	274.119	274.114	274.111	274.104	274.072	274.056	274.097	274.026	274.038	274.058	274.074	274.112	274.082	1983
1984	274.089	274.083	274.079	274.047	274.070	274.102	274.039	274.062	274.069	274.080	274.104	274.117	274.078	1984
1985	274.075	274.115	274.105	274.058	274.086	274.093	274.083	274.114	274.107	274.131	274.108	274.123	274.100	1985
1986	274.108	274.126	274.127	274.125	274.137	274.087	274.063	274.074	274.034	274.049	274.080	274.109	274.093	1986
1987	274.089	274.094	274.102	274.081	274.097	274.117	274.116	274.102	274.122	274.124	274.130	274.119	274.108	1987
1988	274.124	274.118	274.127	274.131	274.124	274.133	274.131	274.134	274.117	274.121	274.113	274.113	274.124	1988
1989	274.110	274.108	274.101	274.111	274.106	274.115	274.108	274.079	274.094	274.109	274.117	274.126	274.107	1989
1990	274.121	274.115	274.133	274.125	274.121	274.108	274.095	274.095	274.085	274.086	274.119	274.119	274.110	1990
MEAN	273.951	273.953	273.950	273.933	273.885	273.857	273.849	273.840	273.847	273.850	273.908	273.954	273.898	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 50 07 10 N DRAINAGE AREA, 127 000 km²
LONG 096 00 50 W REGULATEDDATA CONTRIBUTED BY -
MANITOBA HYDRO

WINNIPEG RIVER HEAD WATER SEVEN SISTERS POWER PLANT - STATION NO. 05PF057

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	274.235 ON JAN 04	273.902 ON MAY 01	1978
1979	---	274.219 ON APR 08	272.735 ON AUG 17 *	1979
1980	---	273.247 ON MAY 08	272.793 ON JUL 31	1980
1981	---	274.174 ON DEC 06	272.924 ON JUL 02	1981
1982	---	274.198 ON JUL 20	273.552 ON JUN 03	1982
1983	---	274.271 ON DEC 13 *	273.808 ON AUG 25	1983
1984	---	274.186 ON JUN 21	273.774 ON APR 12	1984
1985	---	274.204 ON AUG 18	273.939 ON JUL 15	1985
1986	---	274.192 ON JAN 04	273.863 ON JAN 13	1986
1987	---	274.174 ON JUL 31	273.979 ON MAY 08	1987
1988	---	274.186 ON JUN 14	273.991 ON JUL 03	1988
1989	---	274.201 ON JUN 13	273.985 ON AUG 06	1989
1990	---	274.198 ON JUL 01	273.939 ON JUL 30	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER TAILRACE, GREAT FALLS POWER PLANT - STATION NO. 05PF048

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	231.343	231.167	231.186	231.450	231.070	231.032	231.414	230.844	230.681	230.729	230.590	230.680	231.015	1978
1979	230.673	230.569	230.455	230.881	231.816	231.705	230.499	229.889	230.148	230.291	230.374	230.480	230.647	1979
1980	230.609	230.750	230.821	230.904	230.201	229.472	229.255	229.310	229.433	229.544	229.688	230.140	230.008	1980
1981	230.279	230.330	229.913	229.407	229.306	229.453	229.648	229.390	229.436	229.729	229.902	229.866	229.718	1981
1982	230.035	230.249	229.950	229.852	230.097	230.810	230.753	230.483	230.192	230.479	230.783	231.099	230.400	1982
1983	231.053	230.835	230.711	230.639	229.861	229.667	229.890	229.686	229.541	229.931	230.265	230.408	230.198	1983
1984	230.457	230.511	230.199	229.876	229.571	230.324	230.576	230.004	229.862	229.974	230.411	230.493	230.187	1984
1985	230.481	230.490	230.473	230.197	231.034	231.999	232.173	231.405	231.092	231.468	231.809	231.397	231.173	1985
1986	231.269	231.123	231.172	231.206	231.763	231.238	230.028	229.959	229.896	230.197	230.196	230.378	230.699	1986
1987	230.339	230.425	230.411	230.239	229.616	229.404	229.118	229.238	229.241	229.340	229.549	229.755	229.735	1987
1988	229.799	229.817	229.636	229.456	229.798	229.261	229.519	229.372	229.502	230.003	230.348	230.517	229.694	1988
1989	230.615	230.617	230.573	230.615	230.759	231.060	231.751	230.667	230.031	229.862	229.723	230.027	230.526	1989
1990	230.129	230.118	229.990	229.801	229.604	230.368	230.838	230.284	229.777	229.598	229.706	229.777	229.999	1990
MEAN	230.545	230.539	230.422	230.348	230.307	230.446	230.414	230.041	229.910	230.090	230.257	230.386	230.308	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LOCATION - LAT 50 27 50 N DRAINAGE AREA, 134 000 km² DATA CONTRIBUTED BY -
LONG 096 00 15 W REGULATED MANITOBA HYDRO

WINNIPEG RIVER TAILRACE, GREAT FALLS POWER PLANT - STATION NO. 05PF048

ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	231.806 ON JUL 19	230.411 ON NOV 19	1978
1979	---	232.111 ON JUN 01	229.466 ON AUG 20	1979
1980	---	231.145 ON APR 16	228.981 ON JUL 25	1980
1981	---	230.581 ON JAN 14	228.966 ON AUG 16	1981
1982	---	231.435 ON JUL 06	229.466 ON JAN 01	1982
1983	---	231.416 ON OCT 01	229.021 ON SEP 03	1983
1984	---	230.968 ON JUN 30	228.905 ON MAY 13	1984
1985	---	232.380 ON JUL 24	229.691 ON APR 11	1985
1986	---	231.953 ON MAR 16	229.386 ON SEP 21	1986
1987	---	230.551 ON FEB 16	229.082 ON SEP 07	1987
1988	---	230.798 ON DEC 20	229.030 ON JUL 02	1988
1989	---	232.063 ON JUL 13	229.261 ON NOV 04	1989
1990	---	231.026 ON JUL 09	229.197 ON MAY 05	1990

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINTERING LAKE AT THICKET PORTAGE - STATION NO. 05TD002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	181.359	181.328	181.254	181.268	181.253	181.229	---	1949
1950	---	---	---	---	---	181.664	---	181.339	181.264	181.319	181.342	---	---	1950
1951	---	---	---	---	181.420	---	---	181.418	---	181.326	181.274	---	---	1951
1953	---	---	---	---	---	---	---	181.495	181.419	181.359	---	---	---	1953
1954	---	---	---	---	---	---	181.389	181.327	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	181.407	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	181.530	---	---	---	1959
1960	---	---	---	---	---	---	---	181.464	---	181.295	---	---	---	1960
1961	---	---	---	---	---	181.481	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	181.632	---	---	---	181.218	---	---	---	1962
1963	---	---	---	---	181.610	181.628	181.477	181.348	181.326	---	---	---	---	1963
1964	---	---	---	---	181.510	181.470	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	181.696	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	181.655	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1979	---	---	---	---	---	---	---	---	---	181.651	181.593	181.506	---	1979
1980	181.436	181.387	181.343	181.334	181.479	181.507	181.638	181.681	182.067	182.139	181.981	181.860	181.655	1980
1981	181.761	181.670	181.582	181.540	---	181.018	181.765	181.693	181.553	181.571	181.660	181.623	---	1981
1982	181.537	181.458	181.389	181.337	181.776	181.892	181.744	181.781	181.723	181.594	181.512	181.455	181.601	1982
1983	181.378	181.304	181.248	181.200	181.423	181.963	181.879	181.766	181.705	181.750	181.632	181.528	181.566	1983
1984	181.416	181.340	181.237	181.274	181.603	181.708	181.642	181.517	181.458	181.472	181.430	181.391	181.458	1984
1985	181.307	181.247	181.173	181.164	181.633	181.890	182.084	181.865	181.602	181.424	181.333	181.239	181.499	1985
1986	181.180	181.112	181.059	181.036	181.352	181.539	181.689	181.830	---	---	---	---	---	1986
MEAN	181.431	181.360	181.290	181.269	181.534	181.603	181.667	181.557	181.552	181.494	181.501	181.479	181.556	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

LOCATION - LAT 55 19 25 N
LONG 097 40 54 W NATURAL FLOW

WINTERING LAKE AT THICKET PORTAGE - STATION NO. 05TD002

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ANNUAL EXTREME OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1949	---	181.377 ON JUL 05	---	1949
1950	---	181.713 ON JUN 07	---	1950
1951	---	181.560 ON JUL 09	---	1951
1953	---	---	---	1953
1954	---	181.545 ON JUN 03	---	1954
1955	---	181.612 ON MAY 19	---	1955
1956	---	181.499 ON JUN 11	---	1956
1957	---	181.554 ON JUN 09	---	1957
1958	---	181.551 ON JUN 15	---	1958
1959	---	182.075 ON JUL 03	---	1959
1960	---	181.899 ON JUN 03	---	1960
1961	---	181.563 ON MAY 27	---	1961
1962	---	181.789 ON MAY 24	---	1962
1963	---	181.749 ON MAY 23	---	1963
1964	---	181.594 ON MAY 23	---	1964
1965	---	182.392 ON JUL 11	---	1965
1966	---	182.661 ON JUL 24 *	---	1966
1967	---	181.871 ON JUN 05	---	1967
1968	---	181.713 ON JUN 05	---	1968
1969	---	181.694 ON OCT 21	---	1969
1970	---	181.850 ON JUL 11	---	1970
1971	---	181.627 ON MAY 22	---	1971
1972	---	181.828 ON MAY 24	---	1972
1973	---	181.390 ON NOV 10	---	1973
1975	---	181.688 ON MAY 31	181.066 ON APR 12	1975
1977	---	181.572 ON JUL 13	181.079 ON MAR 16	1977
1979	---	---	---	1979
1980	182.200 AT 1730 CST ON SEP 26 *	182.192 ON SEP 27	181.304 ON APR 14	1980
1981	---	---	181.493 ON OCT 02	1981
1982	181.939 AT 1503 CST ON JUN 06	181.933 ON JUN 07	181.324 ON APR 19	1982
1983	182.012 AT 1855 CST ON JUN 14	182.007 ON JUN 15	181.187 ON APR 17	1983
1984	181.731 AT 1930 CST ON MAY 30	181.728 ON MAY 31	181.179 ON APR 07	1984
1985	182.180 AT 0500 CST ON JUL 07	182.132 ON JUL 08	---	1985
1986	181.857 ON AUG 08	181.854 ON AUG 09	181.020 ON APR 11 *	1986

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (MAN. GOVT. EXT.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

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BEAVER LAKE NEAR PINE RIVER	05LG801	3
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BOISSEVAIN RESERVOIR NEAR BOISSEVAIN	05OA801	8
BOYNE RIVER ABOVE CARMAN DAM	05OF801	9
BRERETON LAKE AT BRERETON LAKE (INVERNESS FALLS)	05PG807	9
BRERETON LAKE NEAR RENNIE	05PG003	10
BURNWOOD RIVER ABOVE MANANAN FALLS	05TG005	10
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CADDY LAKE AT CADDY LAKE (CAMPGROUND)	05PG806	11
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ELGIN RESERVOIR NEAR ELGIN	05NG803	26
FALCON LAKE NEAR FALCON LAKE	05PD801	26
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05UB005	PLAYGREEN LAKE AT ENTRANCE TO EAST NELSON RIVER	88
05UB006	PLAYGREEN LAKE OPPOSITE BELFOUR POINT NEAR NORWAY HOUSE	89
05UB007	KISKITTIGISU LAKE NEAR NORWAY HOUSE	41
05UB013	KISKITTO LAKE NEAR NORWAY HOUSE	40
05UB014	PLAYGREEN LAKE BELOW LULU ISLAND	89
05UB015	PLAYGREEN LAKE ABOVE WHISKEY JACK NARROWS	88
05UB017	KISKITTIGISU LAKE AT WHISKEY JACK LANDING	40
05UD001	CROSS LAKE AT CROSS LAKE	18
05UD005	SIPIWESK LAKE AT CROSS PORTAGE	112
05UD006	SIPIWESK LAKE AT FORESTRY DOCK	113
05UD007	SIPIWESK LAKE AT SIPIWESK LANDING	114
05UD008	CROSS LAKE BELOW JENPEG	19
05UD009	CROSS LAKE ABOVE WHITEMUD FALLS	17
05UF003	SPLIT LAKE AT SPLIT LAKE	120
06DB001	REINDEER LAKE AT BROCHET	102
06EA009	KISSISSING LAKE AT COLD LAKE	41
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06EB006	RUSSELL LAKE NEAR HERRIOT	107
06EB007	EAGER LAKE NEAR TOD LAKE	25
06EC001	SOUTHERN INDIAN LAKE NEAR SOUTH INDIAN LAKE	119
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